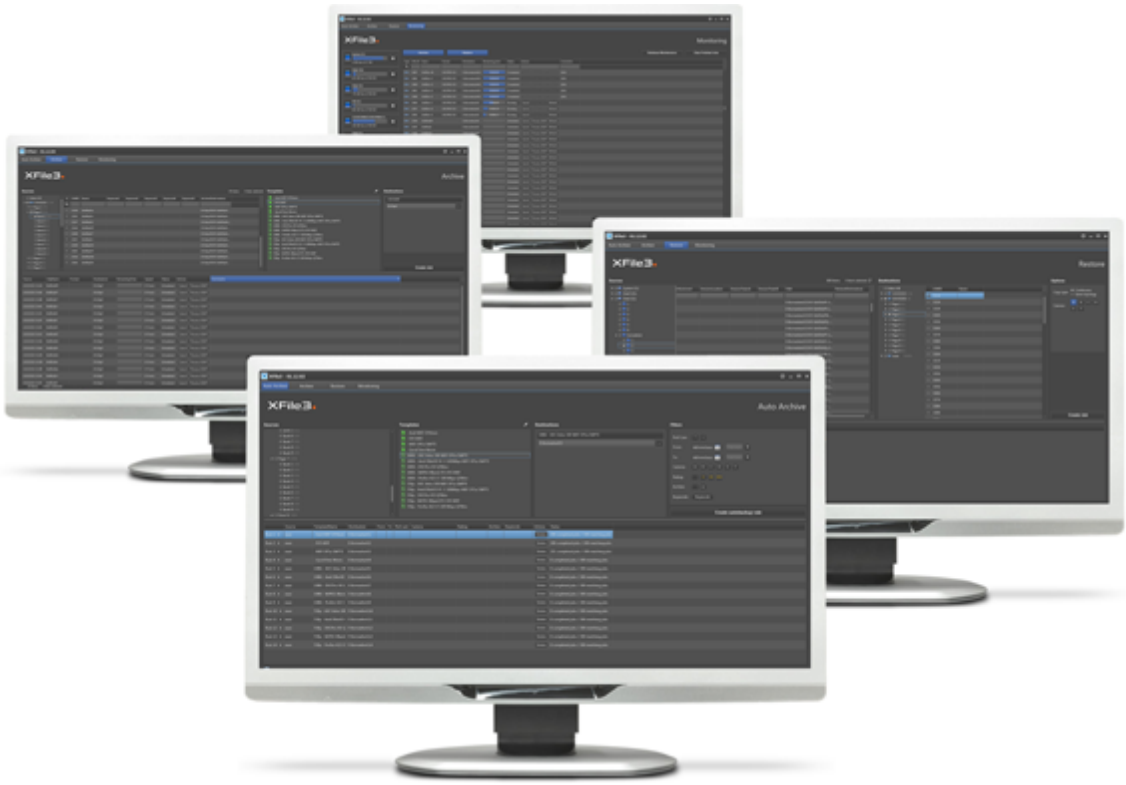
USER MANUAL
XFILE3

Version 2 - December 2013



XFile3.

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Improvement Requests

Your comments will help us improve the quality of the user documentation. Do not hesitate to send improvement requests, or report any error or inaccuracy on this user manual by e-mail to doc@evs.com.

Regional Contacts

The address and phone number of the EVS headquarters are usually mentioned in the Help > About menu in the user interface.

You will find the full list of addresses and phone numbers of local offices either at the end of this user manual (for manuals on hardware products) or at the following page on the EVS website: http://www.evs.com/contacts.

User Manuals on EVS Website

The latest version of the user manual, if any, and other user manuals on EVS products can be found on the EVS download center, on the following webpage: http://www.evs.com/downloadcenter.

Table of Contents

TABLE OF CONTENTS II

WHAT'S NEW? IV

1. INTRODUCTION 1

1.1. About XFile3 1
1.2. Requirements 1
1.3. Compatibility 2

2. INSTALLATION AND LICENSING 3

2.1. Software Installation 3
2.2. Licensing 7

3. XFILE3 APPLICATION 9

3.1. Startup 9
3.1.1. Startup 9
3.1.2. Server Detection 10
3.2. Auto Archive Mode 10
3.2.1. Auto Archive Overview 10
3.2.2. Sources Zone 12
3.2.3. Templates Zone 12
3.2.4. Destinations Zone 17
3.2.5. Filters Zone 17
3.2.6. How to Create an AutoArchive Rule 20
3.2.7. Job Zone 20
3.3. Archive Mode 24
3.3.1. Archive Overview 24
3.3.2. Source Zone 25
3.3.3. Templates Zone 27
3.3.4. Destinations Zone 27
3.3.5. How to Create Archive Jobs 28
3.3.6. Job Zone 28
3.4. Auto Restore Mode 31
3.4.1. Auto Restore Overview 31
3.4.2. Sources Zone 33
3.4.3. Destinations Zone 34
3.4.4. Options Zone 35
3.4.5. How to Create Auto Restore Folder 35
3.4.6. Job Zone 35

3.5. Restore Mode 38
3.5.1. Restore Overview 38
3.5.2. Sources Zone 40
3.5.3. Destinations Zone 42
3.5.4. Options Zone 44
3.5.5. How to Create Restore Jobs 44
3.5.6. Job Zone 45
3.6. Streaming Mode 47
3.6.1. Streaming Overview 47
3.6.2. Sources Zone 48
3.6.3. Templates Zone 48
3.6.4. Destinations Zone 49
3.6.5. Options Zone 49
3.6.6. How to Create Job 50
3.6.7. Job Zone 51
3.7. Monitoring Mode 55
3.7.1. Monitoring Overview 55
3.7.2. Hard Disk Zone 56
3.7.3. Job Zone 58
3.8. About Window 62

What's New?

In the user manual, the icon NEW ! has been added on the left margin to highlight information on new and updated features.

The changes linked to new features in version 2 are listed below.

New/Updated functionality

- Enable four actions: creating, editing, deleting, importing and exporting custom template in "Templates Zone" on page 12
- Add Server Detection section in "Server Detection" on page 10
- "Auto Restore Mode""Auto Restore Mode" on page 31
- Add Streaming Mode chapter "Streaming Mode" on page 47

1. Introduction

1.1. About XFile3

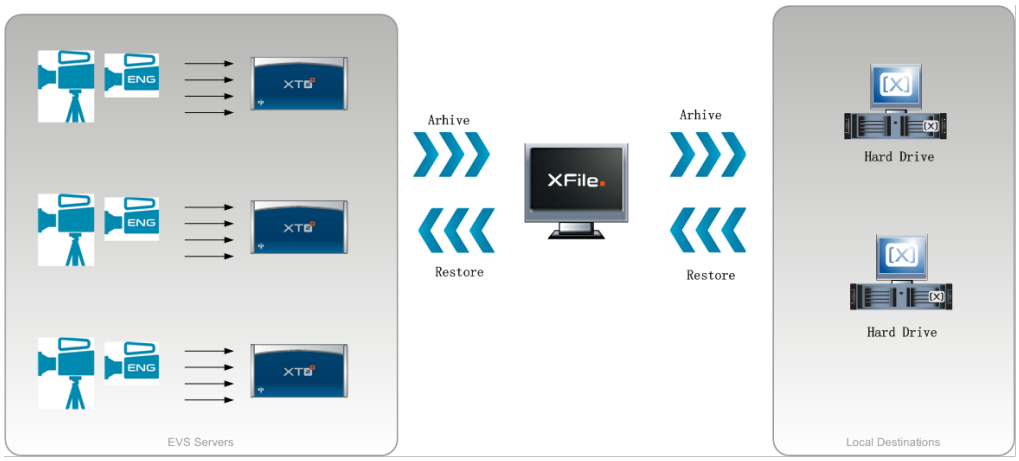
The purpose of this product is to automatically archive selected content from EVS servers to the transportable hard drives and enable restoring content from hard drives to EVS servers.

The main users for XFile3 are:

- LSM operators.
- Producers and LSM Operator assistants.
- Technical truck engineers.
- Other Production users who manage archive and restore.

The overall workflow implies two roles:

1. Archive existing clips from EVS servers to hard drives.
2. Restore existing files from hard drives to EVS servers.



1.2. Requirements

Software Requirements

- Gigabit Ethernet connectivity (up to 10GB Ethernet)
- Microsoft.Net Framework 4.0
- Supported Multicam Versions: 11.02

Hardware Requirements

- EVS XF[2]: XF2.5 HP or XF23-2D

- OS: Window7 64bits or 32-bits
- Bi-Core CPU

Workflow Requirements

- It is advised to verify that the XSquare services are fully running before launching XFile3 software.

1.3. Compatibility

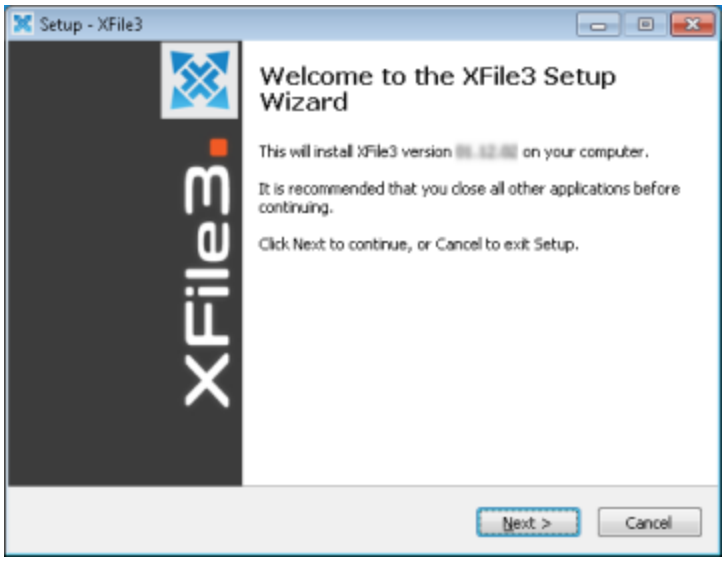
- XSecure V1.01.05
- XSquare V2.2.48
- XViewer V2.4.54

2. Installation and Licensing

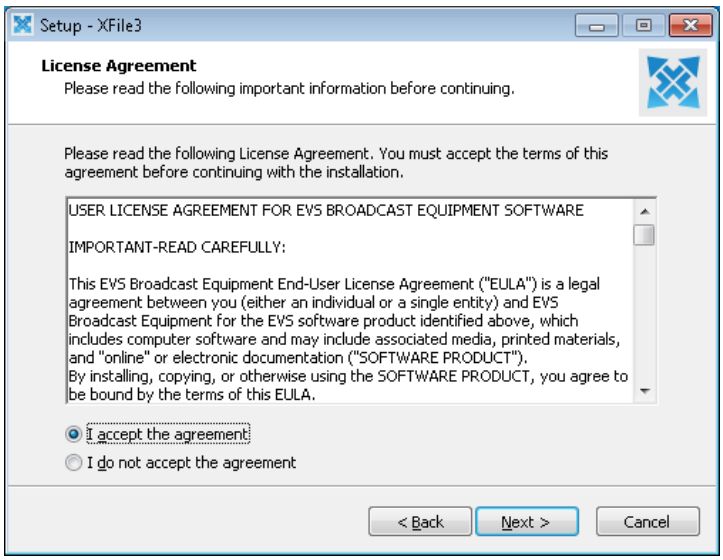
2.1. Software Installation

To install XFile3, proceed as follows:

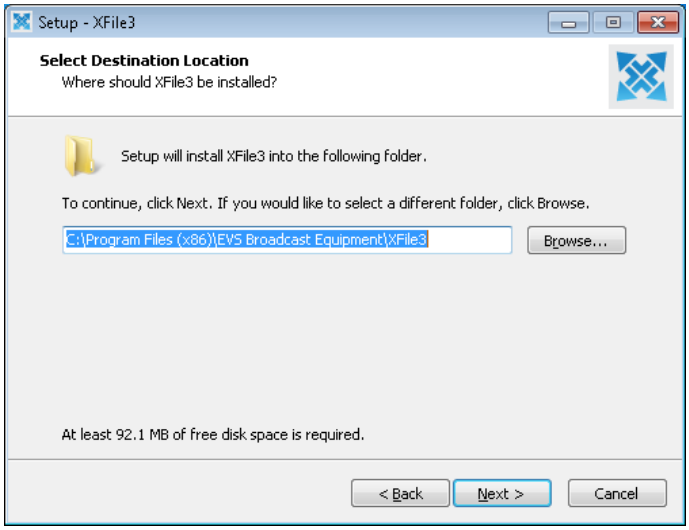
1. Run XFile3 installation package and then follow the steps of the Setup wizard and click **Next**.


Setup - XFile3
Welcome to the XFile3 Setup Wizard
This will install XFile3 version [redacted] on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
XFile3
Next >
Cancel

2. Select "*I accept the agreement*" and click **Next**.

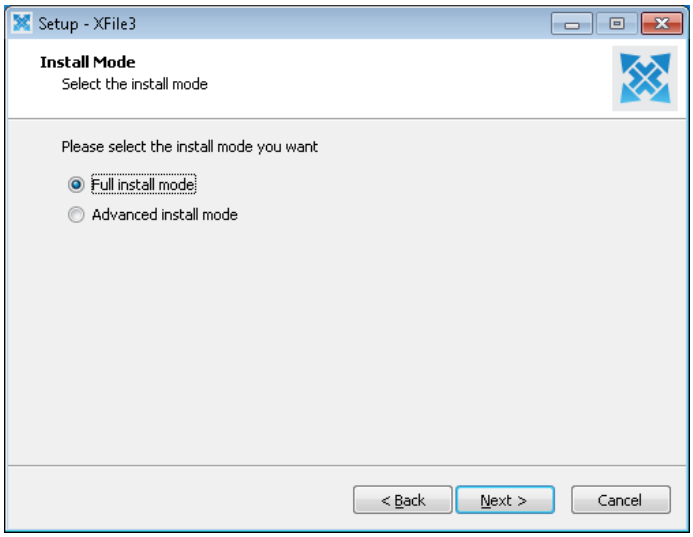

Setup - XFile3
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
USER LICENSE AGREEMENT FOR EVS BROADCAST EQUIPMENT SOFTWARE
IMPORTANT-READ CAREFULLY:
This EVS Broadcast Equipment End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and EVS Broadcast Equipment for the EVS software product identified above, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation ("SOFTWARE PRODUCT").
By installing, copying, or otherwise using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA.
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel

3. Select the destination directory to install the new software application and then click **Next**. The installer proposes a default path for the installation. i.e.: `C:\Program Files(x86)\EVSBroadcast Equipment\XFile3.`

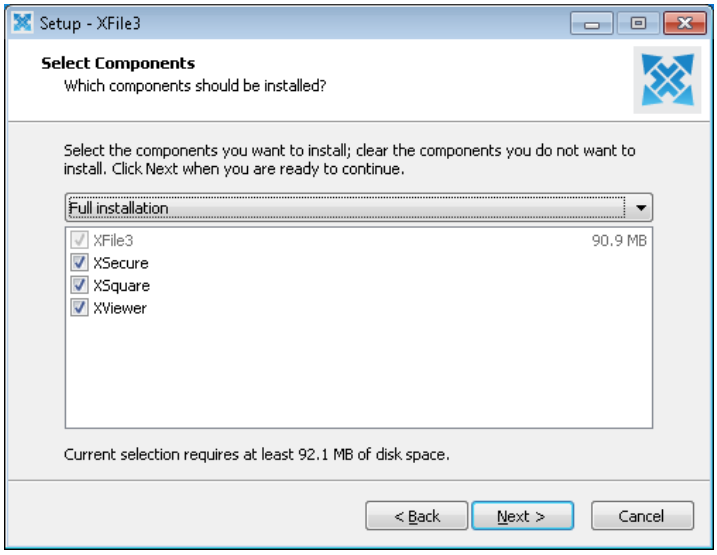

Setup - XFile3
Select Destination Location
Where should XFile3 be installed?
Setup will install XFile3 into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files (x86)\EVS Broadcast Equipment\XFile3
Browse...
At least 92.1 MB of free disk space is required.
< Back
Next >
Cancel

4. Select either mode to install. Two modes are available: Full install mode and Advanced install mode.
   - Select Full install mode, all the components will be installed in Silent mode automatically.
   - Select Advanced install mode, you can customize the components to be installed.

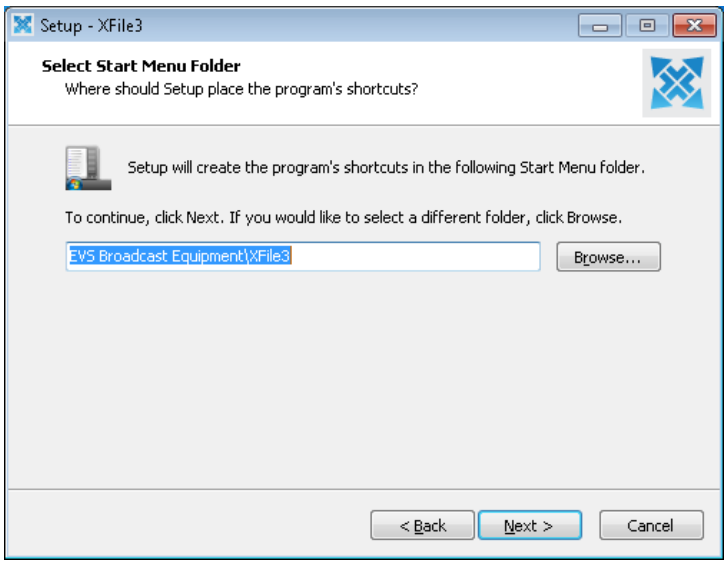
   The following steps are the installation process after selecting Advanced install mode.



5. Select the components to install, and then click **Next**. If you need to update XFile3 only, you can unselect the other three components and click **Next**.

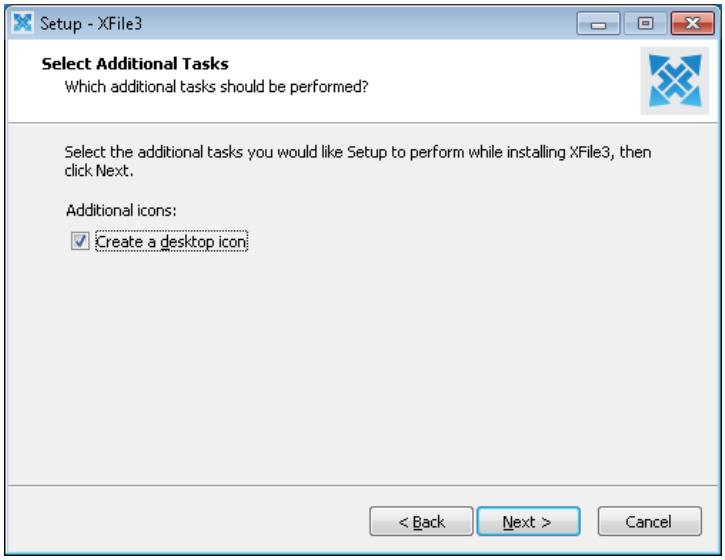

Setup - XFile3
Select Components
Which components should be installed?
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Full installation
XFile3
90.9 MB
XSecure
XSquare
XViewer
Current selection requires at least 92.1 MB of disk space.
< Back
Next >
Cancel

6. Click **Browse** to select a folder in which XFile3 shortcuts are saved, and then click **Next**.

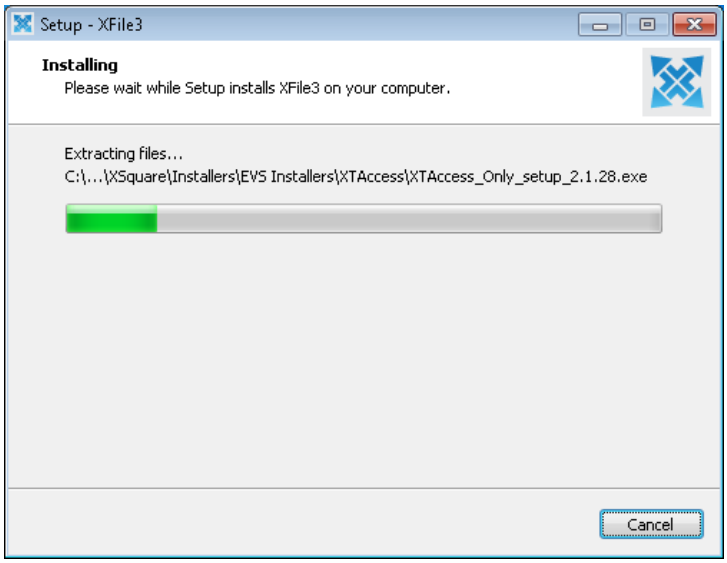

Setup - XFile3
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
EVS Broadcast Equipment\XFile3
Browse...
< Back
Next >
Cancel

7. Select **Create a desktop icon** to create a shortcut on the desktop, if unselect, the shortcut won't display on the desktop.

   Click **Next**.

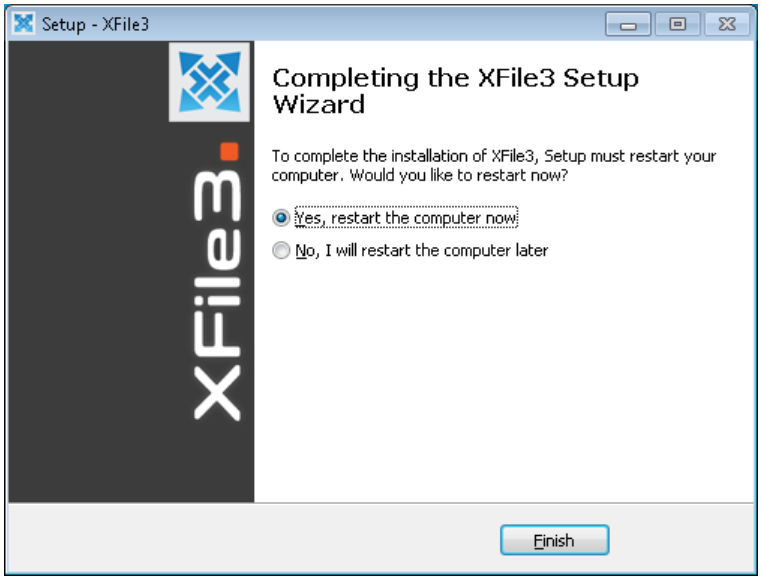

Setup - XFile3
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing XFile3, then click Next.
Additional icons:
Create a desktop icon
< Back
Next >
Cancel

8. Click **Install** and wait until the installation is completed. This can last a couple of minutes. After that, install XSquare Suite.



9. Select the first option to restart you computer now or select the second option to restart your computer later. The first option is highly recommended.

   And then click **Finish** to finish installation.


Setup - XFile3
Completing the XFile3 Setup Wizard
To complete the installation of XFile3, Setup must restart your computer. Would you like to restart now?
Yes, restart the computer now
No, I will restart the computer later
Finish
XFile3

All applications are installed successfully.

2.2. Licensing

The XFile3 software is managed by way of licenses codes managed with the XSecure application. The required license codes for XFile3 are the following:

Application	Module	Summary
10 XFile	10 Base Module	XFile3 User Application
60 XTAccess	10 Base Package	Background XTAccess transfer agent
60 XTAccess	20 Transcoding	Background XTAccess transcoding engine
170 XViewer	10 Base Package	File Viewer Application Module
170 XViewer	20 edit	File Editor Application Module

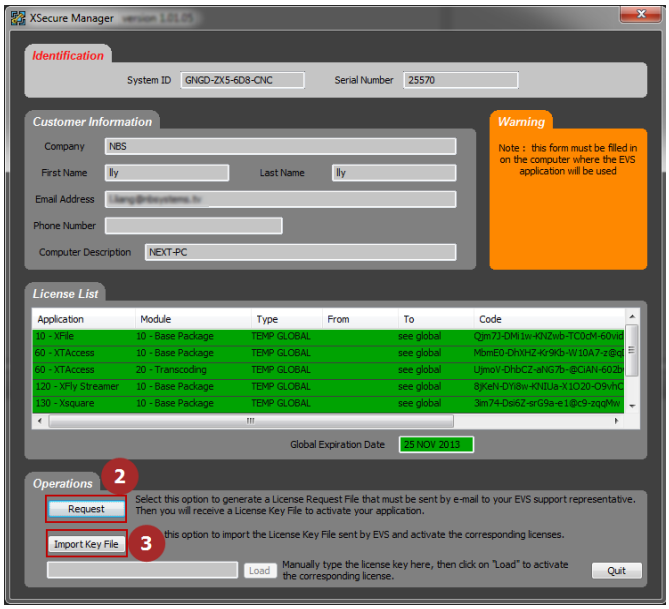
When you need to add a new license code, or extend the validity of a temporary license code, you must use the XSecure Manager application.

To add a new license code, proceed as follows:

1. Run the XSecure Manager application by double-clicking the XSecure Manager shortcut on your desktop as administrator.
2. Requesting license codes.
   a. Fill in the Customer information.
   b. Click on the **Request** button in the lower left corner of the window. This will generate an XML file that you must send to your EVS support representative
   c. Select the location where you would like to save that file, and click on the **Save** button.
   d. Send this file to your support contact at EVS support representative, specifying which new license codes or license code extensions you require.
3. Adding License codes.

a. After received another XML file containing the license codes or code extensions that you have requested. Copy that XML file in a directory that is visible by the computer where XSecure is installed (using a USB key for instance, or your LAN network)

b. Click on the **Import Key File** button in XSecure window. The license codes will be automatically imported, and a dialog box confirms how many license codes have been successfully imported.



3. XFile3 Application

3.1. Startup

3.1.1. Startup

Double click the XFile3 icon to open the application. This opens an initialization window.

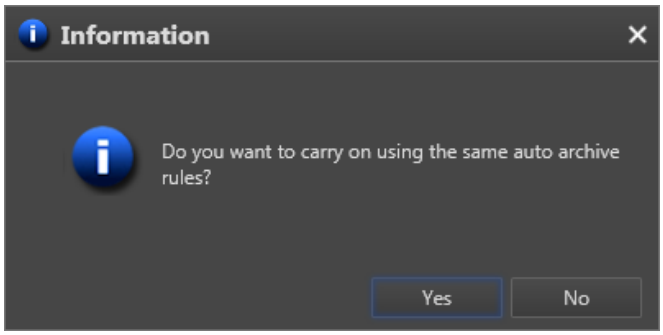
The startup sequence will check the status of the background XSquare services as well as discover the available EVS XT and XS Servers on the same network as the XFile3 host computer.

The Auto Archive Mode is selected by default at startup.

If you re-launch XFile3 after auto-archive rules have been created, you are asked to make a choice to continue using the previous rules or clear then and start without any rules by way of a pop up window:

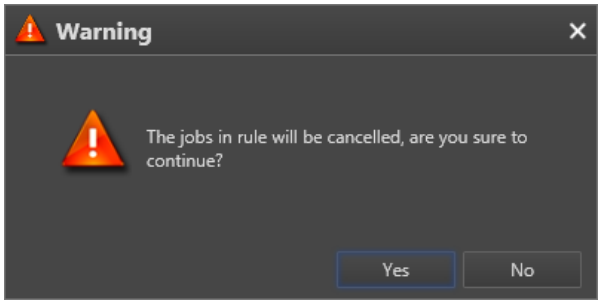
Do you want to carry on using the same auto archive rules?

- Click **Yes** to use the same auto archive rule, the old rules are retained.
- Click **No** to remove the existing auto archive rules.



Afterwards, pop up window will appear asking: The jobs in rule will be canceled, are you sure to continue?

- Select **Yes** to cancel all the existing jobs in rule and open XFile3.
- Select **No** to open XFile3, the old rule is existing.



3.1.2. NEW ! Server Detection

After startup, if a red triangle appears beside EVS server, two possibilities may have happened:

- Servers' HCTX GBE connections are unreachable.
- The jumbo frames are not activated.

To solve those problems, please check your infrastructure or call EVS technical support.

3.2. Auto Archive Mode

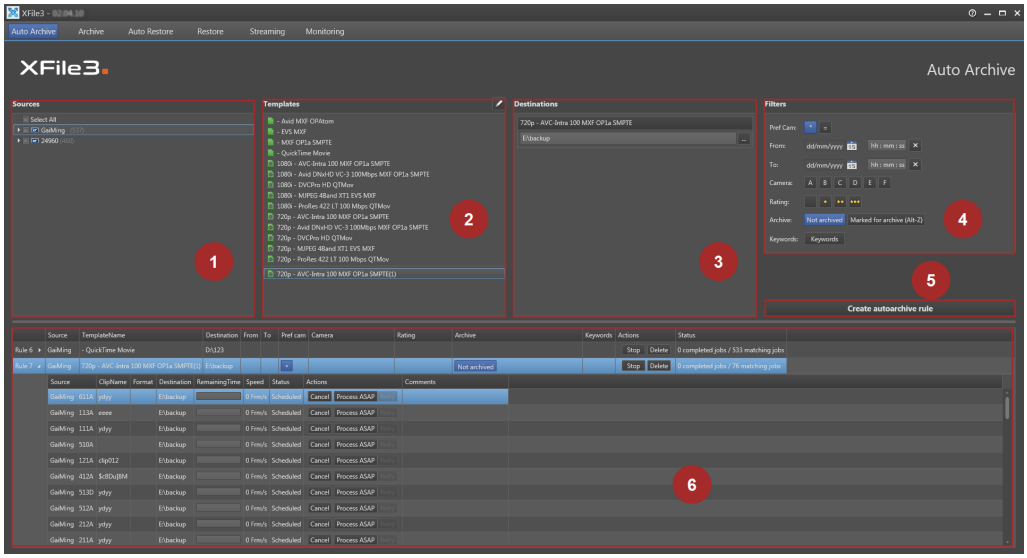
3.2.1. Auto Archive Overview

Auto Archive mode is the default page after startup.

Auto Archive Mode is to automatically archive the source clips from the requested servers in the requested formats based on rules.

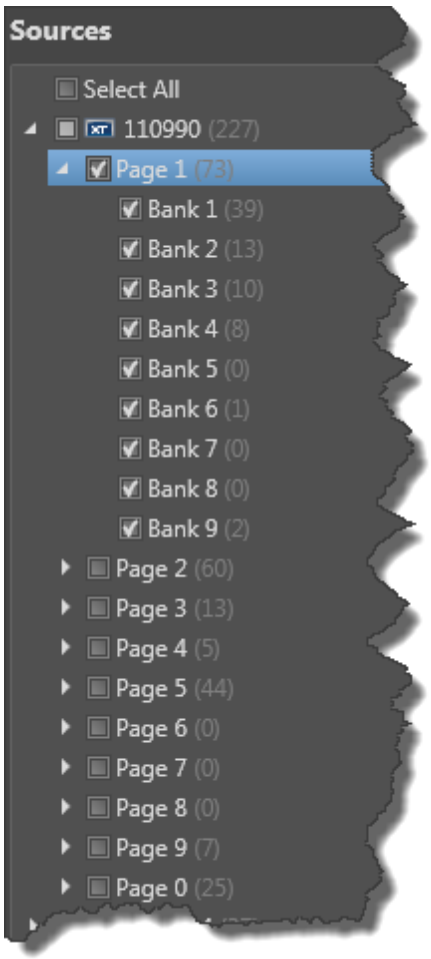
Click Auto Archive to enter AutoArchive mode.

The screen shot below shows various areas of the Auto Archive Main Window.



Area	Name	Description
1	Sources Zone	Area that displays all the detected servers and their clip structure, including pages and banks.
2	Templates Zone	Area that displays the templates available from the background running XSquare service manager.
3	Destinations Zone	Area that displays all the destinations relative to the selected template.
4	Filters Zone	Area that displays all the filters options to add in the autoarchive rule.
5	Create autoarchive rule	Button to create the autoarchive rule.
6	Job Zone	Area that displays all the created rules and all the job status

3.2.2. Sources Zone



The Sources Zone includes the following elements:

- When select or unselect the parent level, all children will be select or unselect correspondingly.
- Select the check box before servers, pages and banks, or just select **Select All** to select all the clips in all the available servers.
- Every server includes 10 pages (from 0-9), every page includes 9 banks (from 1-9), each bank includes 10 columns (from 0-9).
- The server name on XFile3 UI is the SDTI network name of server, but if server name is blank in server, the serverID number will be displayed instead.
- The total clip number can be displayed besides each server name, page or banks between brackets.

3.2.3. Templates Zone

The templates zone displays all the templates that can be used while auto archiving clips.

Without Transcoding

- - Avid MXF OPAtom
- - EVS MXF
- - MXF OP1a SMPTE
- - QuickTime Movie

With Transcoding

- 1080i - AVC - Intra 100 MXF OP1a SMPTE
- 1080i - Avid DNxHD VC -3 100Mbps MXF OP1a SMPTE
- 1080i - DVCPro HD QTMov
- 1080i - MJPEG 4Band XT1 EVS MXF
- 1080i - ProRes 422 LT100 Mbps QTMov
- 720p - AVC-Intra 100 MXF OP1a SMPTE
- 720p - Avid DNxHD VC-3 100Mbps MXF OP1a SMPTE
- 720p - DVCPro HD QTMov
- 720p - MJPEG 4Band XT1 EVS MXF
- 720p - ProRes 422 LT 100 Mbps QTMov

NEW ! How to Edit Template

Two kinds of templates exist in Template Zone: default template and custom template, custom template is at the bottom of Templates Zone and separated with default template by a single line.

Custom template is editable, but default template can't be edited. custom can proceed the following actions in custom template.

- Creating custom template
- Editing custom template
- Deleting custom template
- Importing custom template
- Exporting custom template

Creating Custom Template

Custom template can be created from both default template and custom template.

To create custom template from default template, proceed as follows:

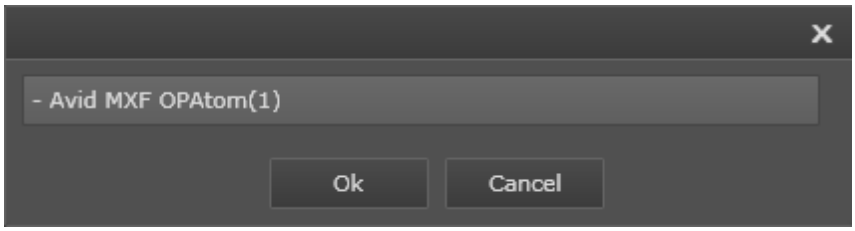
1. Select one default template and click **Edit Template** button on its right side, and then the **TemplateEditor** window is displayed out.

2. Change corresponding value if needed, and click **Save As** button.

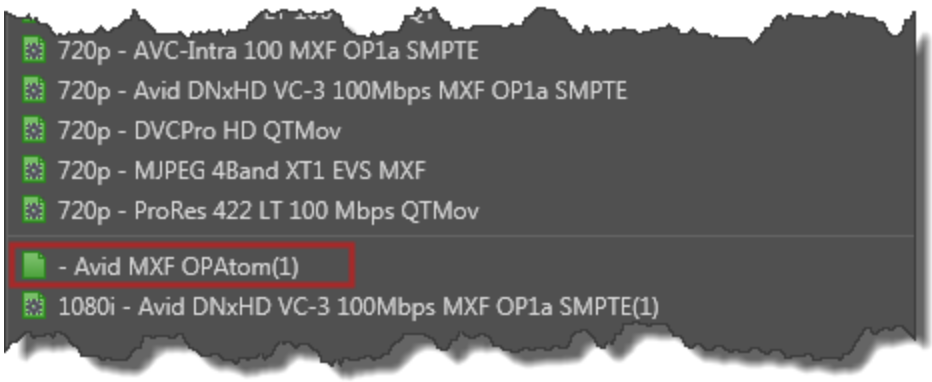
Note
To get more information about editing template, click **?>Help** on XSquare application.

3. Change the current template name, if not, the new template name will be added a sequence number between brackets beside the default template.

   Click **OK** to close the window.



4. The newly created custom template is displayed on Template Zone.


720p - AVC-Intra 100 MXF OP1a SMPTE
720p - Avid DNxHD VC-3 100Mbps MXF OP1a SMPTE
720p - DVCPro HD QTMov
720p - MJPEG 4Band XT1 EVS MXF
720p - ProRes 422 LT 100 Mbps QTMov
- Avid MXF OPAtom(1)
1080i - Avid DNxHD VC-3 100Mbps MXF OP1a SMPTE(1)

To create custom template from custom template, proceed as follows:

1. Select one custom template and click **Edit Template** button on its right side, then the **TemplateEditor** window is displayed out.
2. Change corresponding value if needed, and click **Save As** button.

Note
To get more information about editing template, click **?>Help** on XSquare application.

3. Change the current template name, if not, the new template name will be added a sequence number between brackets beside the custom template. If the old custom template is ended by a sequence number, then the old sequence number will increased updated by the times the custom templates are created.

Click **OK** to close the window.

4. The newly created custom template is displayed on Template Zone.

Editing Custom Template

To edit custom template, proceed as follows:

1. Select one custom template and click the **Edit Template** button on its right side, then the TemplateEditor window is displayed out.
2. Change the corresponding values.

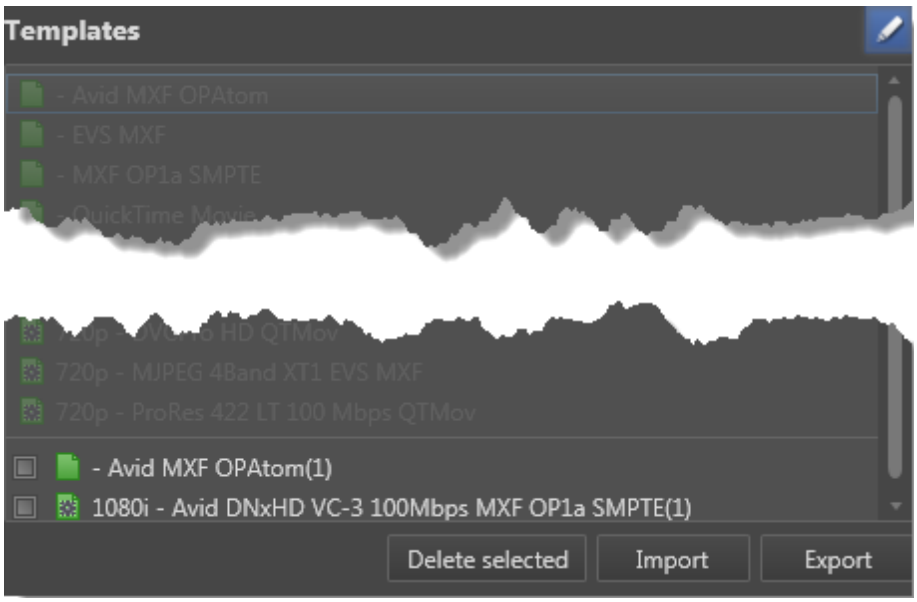
> **Note**
> To get more information about editing template, click **?>Help** on XSquare application.

3. Click **Save** to save the edition and close the window.

Deleting Custom Template

To delete custom template, proceed as follows:

1. Click **Edit Template** on the top right of Templates Zone and select the custom templates to be deleted by ticking the check box.

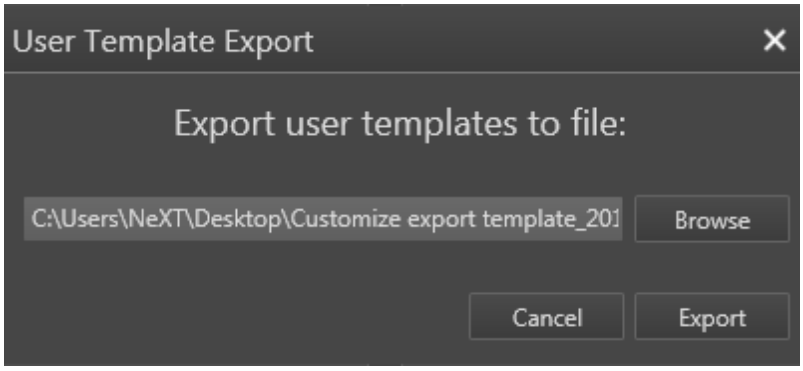

Templates
- Avid MXF OPAtom
- EVS MXF
- MXF OP1a SMPTE
720p - MJPEG 4Band XT1 EVS MXF
720p - ProRes 422 LT 100 Mbps QTMov
- Avid MXF OPAtom(1)
1080i - Avid DNxHD VC-3 100Mbps MXF OP1a SMPTE(1)
Delete selected
Import
Export

2. Click **Delete selected**, the selected custom template will be deleted.

Exporting Custom Template

To export custom template, proceed as follows:

1. Click **Edit Template** on the top right of Templates Zone and select the custom templates to be exported by ticking the check box.
2. Click **Export.**
3. Input the path where you want to export in **custom Template Export** window.



4. Click **Export**, a message box pops up to remind exporting is successful.

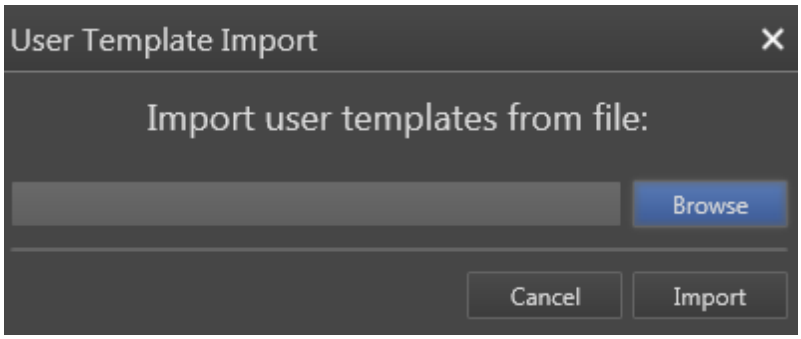
   All the custom templates are exported to only one xml file at one time named by the format: `Customize export template_date hour minute second.xml`

   For example: Customize export template_2013-11-20 15.00.19.xml

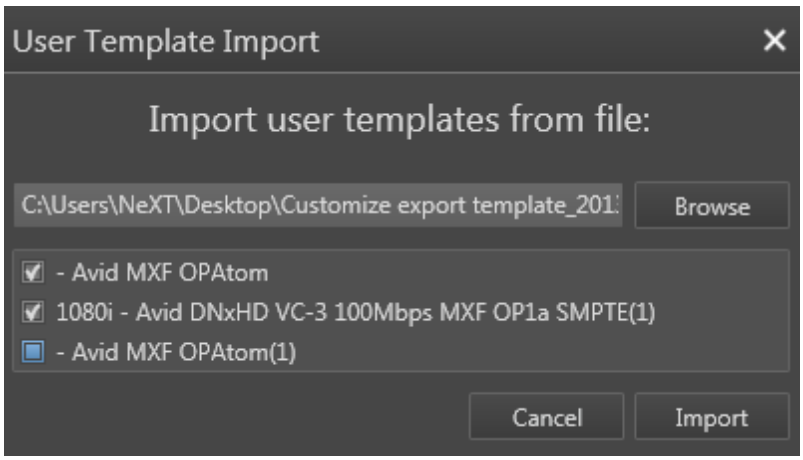
Importing Custom Template

To import custom template, proceed as follows:

1. Click **Import**.
2. Click **Browse** to select the xml file to be imported.



3. Select the custom templates to be imported by ticking the check box.



4. Click Import, a message box pops up to remind exporting is successful.

   All the imported custom templates are displayed at the bottom of Templates Zone.

3.2.4. Destinations Zone

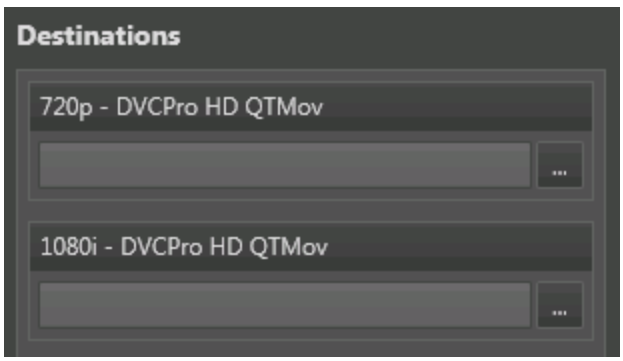
You must select the corresponding template from **Templates Zone** before choosing the required destination(s).

How to Select Destination

To select a destination path, the user clicks **Browse** ... button, the window named **Browse For Folder** pops up, select the desired destination path to write the archived clips to and click **OK**.

The number of destination fields will vary from the different formats included in the Template Zone, For example, if the selected template includes destinations, then two fields will be displayed to be entered.

Example:



If a template has been selected since the last archive, it can still be applied in the next archive if has not been changed yet.

3.2.5. Filters Zone

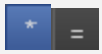
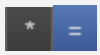
XFile3 allows users to define different filters in Auto Archive Mode. These filters are additional rule criteria to facilitate very complex jobs if desired.

The Filters Zone includes five kinds of filters:

- Pref Cam
- Date&Time
- Camera
- Rating
- Archive Flag
- Keywords Grid

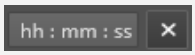
Pref Cam

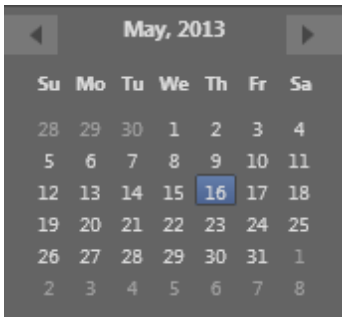
The Pref Cams filter makes it possible to only include in the autobackup rule, the clips that were recorded from any camera defined as the first preferential camera (*) or on the second preferential camera (=). By default, no pref cam is selected, all cameras are included.

Filter	Description
	All cameras are both included in autobackup rule.
	Only the first and second preferential cameras are included in autobackup rule.
	Only the first preferential camera is included in autobackup rule.
	Only the second preferential camera is included in autobackup rule.

Date&Time

The filter makes it possible to include in the autoarchive rule, the clips that were created between the required date and time. By default, no date & time is selected.

Filter	Description
	The required date is selected with the format: `date/month/year`.
	The required time is selected with the format: `hour:minute:second`.



To set the date, select the date button to activate the calender, select the month and then the day of the month.

To set the time, select the time area and input the desired time.

You can click **Cancel** to clear the defined date and time.

Note
Date & Time filter is based on Primary TC.

Camera

The camera filter makes it possible to select the clips to be included in the autoarchive. By default, the cameras are not selected, all cameras are included.

The different cameras are shown as following:

Filter	Description
A	Backup only clips stored as A clips
B	Backup only clips stored as B clips
C	Backup only clips stored as C clips
D	Backup only clips stored as D clips
E	Backup only clips stored as E clips
F	Backup only clips stored as F clips

Rating

The Rating filter makes it possible to include the autoarchive the clips that were in the required rating level. By default, no rating is selected, all ratings are included.

Rating	Description
	Clips without rating
	Clips with rating one
	Clips with rating two
	Clips with rating three

Archive Flag

The Archive Flag filter makes it possible to include in the autoarchive the clips that were archived or not archived. By default, no archive flag is selected.

Not Archived: Only include the clips which are not flagged for archived.

Marked for archive (Alt-Z): Only include the clips which are flagged to be archived.

Keywords Grid

The keywords filter makes it possible to include in the autoarchive only the clips togged with the selected keywords. By default, no keyword is selected.

Click

to activate Keyword Grid Window.

All the keywords listed in this window are from all the detected servers. The list reflects all keywords that currently exist on the clips that exist.

The user can select the required keywords in this window.

3.2.6. How to Create an AutoArchive Rule

To create an autoarchive rule, proceed as follows:

1. Select the source EVS Server and/or Page/Bank to autoarchive. The check boxes of the pages in the Sources Zone will be selected.
2. Select the template in the Templates Zone to specify the file format.
3. Select the destinations in the Destinations Zone to specify where clips will be archived.
4. Select different filters if desired.
5. Click **Create autoarchive rule**. A new rule will be created and displayed in the Job Zone.

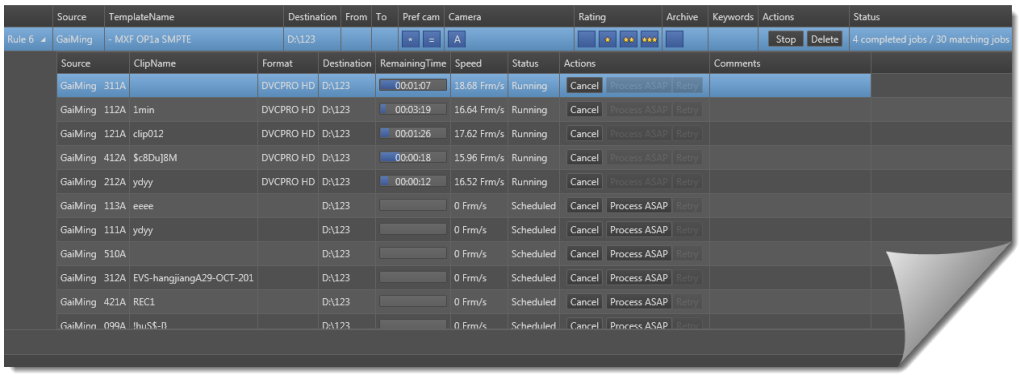
   All the clips in the selected pages within the defined filters will automatically be archived onto the specified destination.

   All the previously selected sources will be unselected automatically upon creation of the rule.

3.2.7. Job Zone

After creating a new rule, the jobs will be displayed at the bottom of Auto Archive UI.

You can click the arrow beside the rule to fold or unfold the jobs in the rule.


Source
TemplateName
Destination
From
To
Pref cam
Camera
Rating
Archive
Keywords
Actions
Status
Rule 6
GaiMing
- MXF OP1a SMPTE
D:\123
Stop
Delete
4 completed jobs / 30 matching jobs
Source
ClipName
Format
Destination
RemainingTime
Speed
Status
Actions
Comments
GaiMing 311A DVCPRO HD D:\123 00:01:07 18.68 Frm/s Running Cancel Process ASAP Retry
GaiMing 112A 1min DVCPRO HD D:\123 00:03:19 16.64 Frm/s Running Cancel Process ASAP Retry
GaiMing 121A clip012 DVCPRO HD D:\123 00:01:26 17.62 Frm/s Running Cancel Process ASAP Retry
GaiMing 412A $c8DuJ8M DVCPRO HD D:\123 00:00:18 15.96 Frm/s Running Cancel Process ASAP Retry
GaiMing 212A ydyy DVCPRO HD D:\123 00:00:12 16.52 Frm/s Running Cancel Process ASAP Retry
GaiMing 113A eeee D:\123 0 Frm/s Scheduled Cancel Process ASAP Retry
GaiMing 111A ydyy D:\123 0 Frm/s Scheduled Cancel Process ASAP Retry
GaiMing 510A D:\123 0 Frm/s Scheduled Cancel Process ASAP Retry
GaiMing 312A EVS-hangjiangA29-OCT-201 D:\123 0 Frm/s Scheduled Cancel Process ASAP Retry
GaiMing 421A REC1 D:\123 0 Frm/s Scheduled Cancel Process ASAP Retry

Rule

Every rule includes several values you have defined before creating rules.

Area	Description
Rule Name	The name of rule is defined by a number automatically incremented.
Source	Displays the name of the selected server(s).
TemplateName	Displays the chosen template.
Destination	Displays the selected destination.
From	Displays the starting date and time
To	Displays the ending data and time
Pref Cam	Displays the selected pref cam
Camera	Displays the selected cameras
Rating	Displays the selected rating
Archive	Displays the selected archive flag
Keywords	Displays the selected keywords in Keywords Grid
Actions	Area enables you to stop, start or delete this rule.
Status	Displays the number of completed jobs and matching jobs with the format: `n completed jobs/n matching jobs.`

Job

All the jobs meet the conditions of the specific rule will be displayed in the rule.

Area	Description
Source	Displays the LSMID and server name of each job.
ClipName	Displays the name of the current archived clip.

Area	Description
Format	Displays the format which has been selected in the Template Zone.
Destination	Displays the destination where the archived clips will be stored.
Remaining _time	Displays the remaining time of each job.
Speed	Displays the current archiving speed of each job.
Status	Displays the job status, refer to "Job Status" for more details.
Actions	Enables you to delete this job, change the priority of the current job or retry job if it is cancelled or stopped.
Comments	Displays the information from XSquare and XFile3.

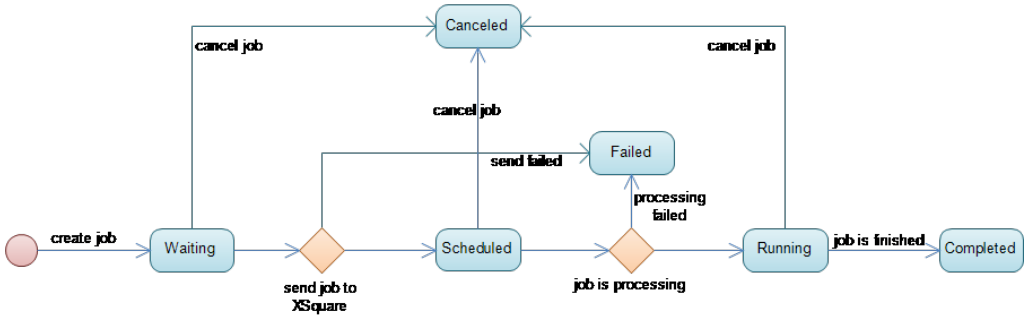
Job Status

Six kinds of job status are available in Job Zone to specify the exact status of the current job.

Job Status	Description
Waiting	The job has been created and stored in the XFile3DataBase.
Scheduled	The job has been sent to XSquare and is scheduled to be proceeded.
Running	The job is processing.
Completed	The job is finished successfully.
Failed	The job is unsuccessful.
cancelled	The job has been cancelled.

Note
When a job is completed, the job will disappear from Job Zone, but you can see all the completed jobs in Monitoring Mode.

The following diagram specifies the conversion between different statuses.



How to Start and Stop a Rule

To stop a rule, click **Stop** button in Job Zone, all the job statuses will be cancelled.

To start a rule, click **Start** button in Job Zone, all the job statuses will be running or scheduled.

How to Select Jobs

All the selected jobs are highlighted in blue color.

Four possible selection ways are available:

- Click on one job, then the job will be selected.
- Click on one job, then press **CTRL** from keyboard, and simultaneously click other jobs one by one to add to the selection, with this method, all the clicked jobs will be selected.
- Click on one job, then press **SHIFT** from keyboard, and click any other jobs, then all the jobs between those two selected jobs will be selected.
- Press **CTRL+A** to select all the jobs.

How to Sort Jobs

To sort a column in alphabetical or numerical order, unfold the jobs and click on the column label to display the arrow buttons and click again to invert the sorting.

Note
Destination and Action can't be sorted.

How to Cancel Jobs

To cancel jobs, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Cancel.**

OR

Click **Cancel** in Actions column.

3. The status of the job will be cancelled.

To retry the job, click **Retry** in Actions column.

Note
Only the jobs with **Waiting**, **Scheduled** and **Running** status can be cancelled.

How to Change Job Priority

Changing job priority means moving the selected job to the first position in the Scheduled job queue for the job to be processed in priority.

To change job priority, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Process ASAP**.

OR

Click **Process ASAP** in Actions column.

3. The job will be processed soon with high priority.

Note
Only the priority of jobs with the **Scheduled** status can be changed.

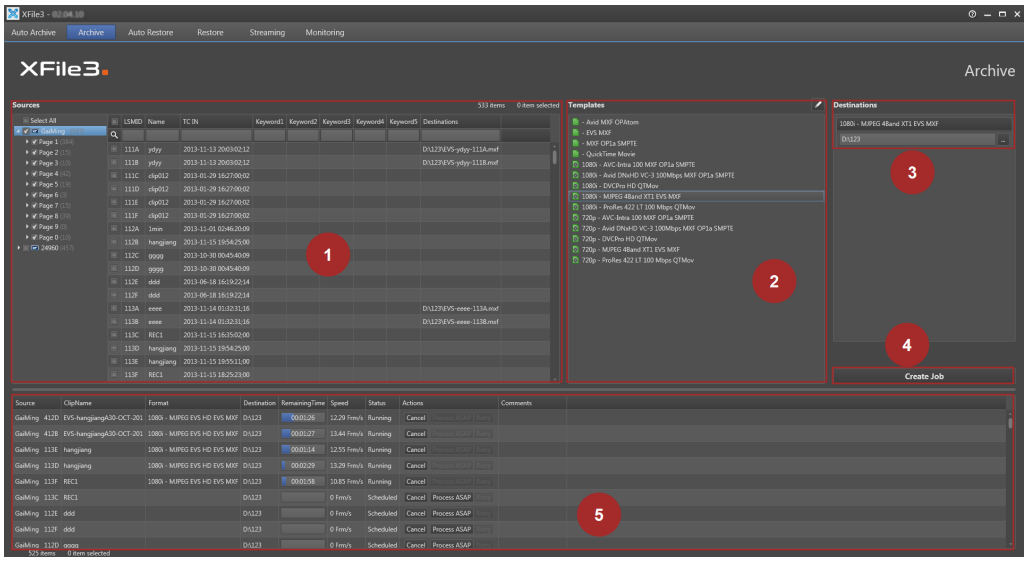
3.3. Archive Mode

3.3.1. Archive Overview

Archive Mode is used to archive the source clips from the requested EVS video servers to the requested formats and destinations manually.

Click Archive to enter Archive mode.

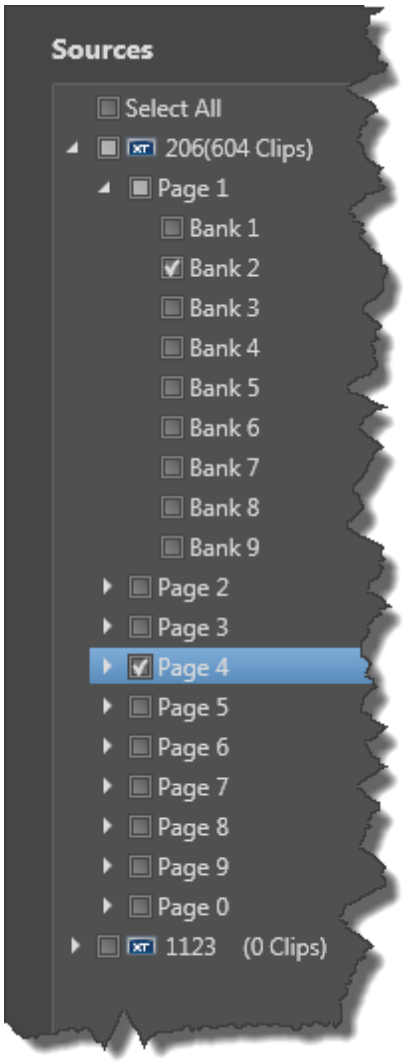
The screen shot below shows various areas of Archive Main Window.



Area	Name	Description
1	Sources Zone	Area that displays all the detected servers and their clip structures, including the pages and banks.
2	Templates Zone	Area that displays the templates available from XSquare.
3	Destinations Zone	Area that displays all the destinations matching the selected template.
4	Create Job	Button to create archive job.
5	Job Zone	Area that displays all the created rules and all the job status.

3.3.2. Source Zone

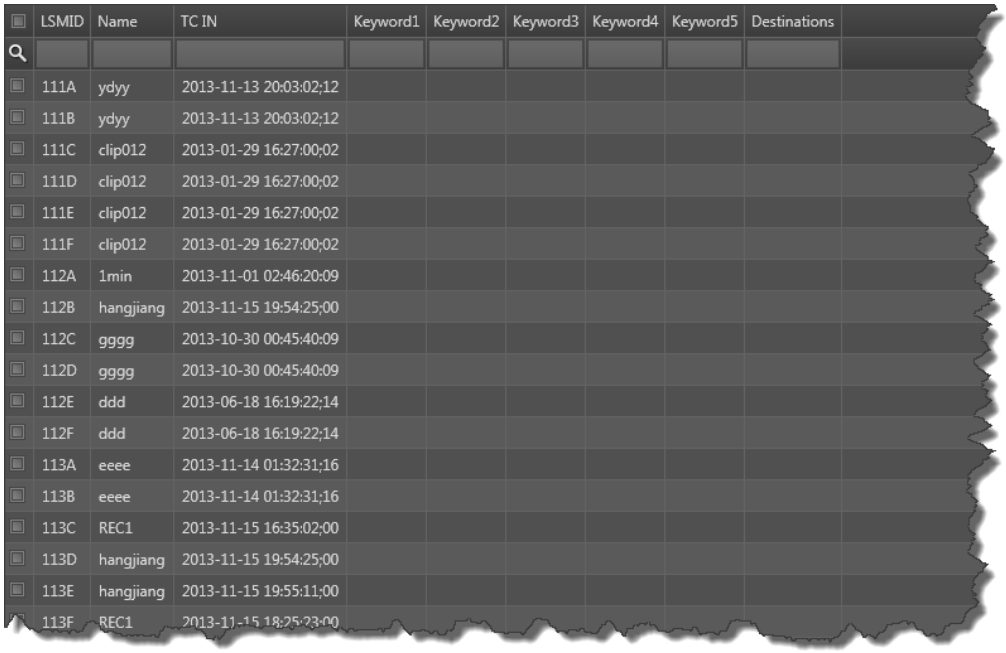
Server List



The Sources Zone includes the following elements:

- When select or unselect the parent level, all children will be select or unselect correspondingly.
- Select the check box before servers, pages and banks, or just select **Select All** to select all the clips in all the available servers.
- Every server includes 10 pages (from 0-9), every page includes 9 banks (from 1-9), each bank includes 10 columns (from 0-9).
- The server name on XFile3 UI is the SDTI network name of server, but if server name is blank in server, the serverID number will be displayed instead.
- The total clip number can be displayed besides each server name, page or banks between brackets.

Sources List



Sources List only displays the clips from the specific banks or pages in the selected servers, it includes the following elements:

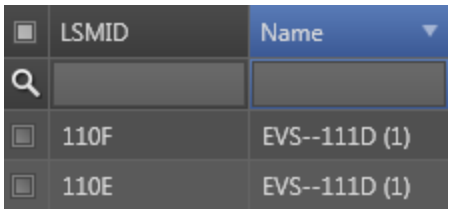
- Select the check box before LSMID to select all the clips in the specific banks or pages of the selected servers.
- Each clip includes some metadata: LSMID, Name, TC IN, Keywords (from1-5), Archive Destinations.

Clip Information	Description
LSM ID	Displays ID assigned to the clips using its page, bank, row and camera number.
Name	Displays the name assigned to the clip.
TC IN	Displays the TC IN assigned to the clip.
Keyword1	Displays the first keyword assigned to the clip.

Clip Information	Description
Keyword2	Displays the second keyword assigned to the clip.
Keyword3	Displays the third keyword assigned to the clip.
Keyword4	Displays the fourth keyword assigned to the clip.
Keyword5	Displays the fifth keyword assigned to the clip.
Destinations	Displays the path where the archived file is located on local disks, if has been archived previously.

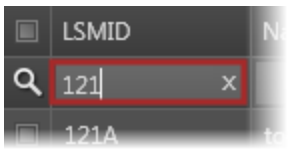
How to Sort Clips

To sort a column in alphabetical or numerical order, click on the column label to display the arrow button and click again to invert the sorting.



How to Search Clips

To search clips, you only need to input the characters whose name includes this character in the **Quick Search Tool**, all the clips include the characters will display on **Sources List.**



To clear the search filter, you can click in the **Quick Search Tool**.

Note
The above **Source List** area is the same as that in Restore Mode.

3.3.3. Templates Zone

See "3.2.3 Templates Zone" for more information about Templates Zone.

3.3.4. Destinations Zone

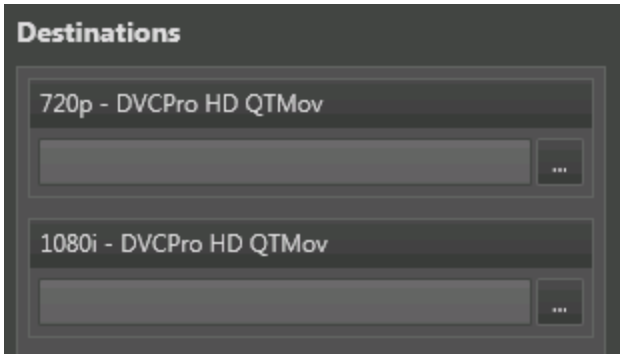
You must select the corresponding template from **Templates Zone** before choosing the required destination(s).

How to Select Destination

To select a destination path, the user clicks **Browse** ... button, the window named **Browse For Folder** pops up, select the desired destination path to write the archived clips to and click **OK**.

The number of destination fields will vary from the different formats included in the Template Zone, For example, if the selected template includes destinations, then two fields will be displayed to be entered.

Example:



If a template has been selected since the last archive, it can still be applied in the next archive if has not been changed yet.

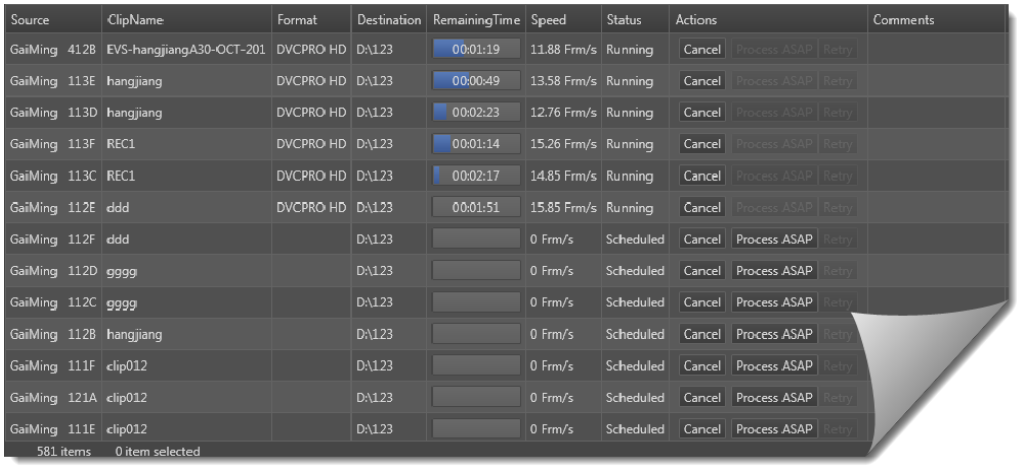
3.3.5. How to Create Archive Jobs

To create archive jobs, proceed as follows:

1. Select the source clips to archive. The check boxes of the pages in the Sources Zone will be selected. You can select the clips to be archived in the Source List by ticking the check box.
2. Select the template in the Templates Zone to backup the clips in the selected format.
3. Select the destinations in the Destinations Zone to store the archived clips in the local destinations.
4. Click **Create Job**. All the jobs will be created and displayed in the Job Zone.

3.3.6. Job Zone

After create jobs, all the jobs will display at the bottom of Archive UI.



Source	ClipName	Format	Destination	RemainingTime	Speed	Status	Actions	Comments
GaiMing 412B	EVS-hangjiangA30-OCT-201	DVCPRO HD	D:\123	00:01:19	11.88 Frm/s	Running	Cancel Process ASAP Retry	
GaiMing 113E	hangjiang	DVCPRO HD	D:\123	00:00:49	13.58 Frm/s	Running	Cancel Process ASAP Retry	
GaiMing 113D	hangjiang	DVCPRO HD	D:\123	00:02:23	12.76 Frm/s	Running	Cancel Process ASAP Retry	
GaiMing 113F	REC1	DVCPRO HD	D:\123	00:01:14	15.26 Frm/s	Running	Cancel Process ASAP Retry	
GaiMing 113C	REC1	DVCPRO HD	D:\123	00:02:17	14.85 Frm/s	Running	Cancel Process ASAP Retry	
GaiMing 112E	ddd	DVCPRO HD	D:\123	00:01:51	15.85 Frm/s	Running	Cancel Process ASAP Retry	
GaiMing 112F	ddd		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	
GaiMing 112D	gggg		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	
GaiMing 112C	gggg		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	
GaiMing 112B	hangjiang		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	
GaiMing 111F	clip012		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	
GaiMing 121A	clip012		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	
GaiMing 111E	clip012		D:\123		0 Frm/s	Scheduled	Cancel Process ASAP Retry	

581 items 0 item selected

Job

All the jobs created manually are displayed on the Job Zone.

Area	Description
Source	Displays the LSMID of each job
ClipName	Displays the name of the current archived clip.
Format	Displays the format which has been selected in the Template Zone.
Destination	Displays the destination where the archived clips will be stored.
Remaining _time	Displays the remaining time of each job.
Speed	Displays the current archiving speed of each job.
Status	Displays the job status, refer to "Job Status"for more details.
Action	Enables you to delete this job, change the priority of the current job or retry job if it is cancelled or stopped.
Comments	Displays the information from XSquare and XFile3.

Job Status

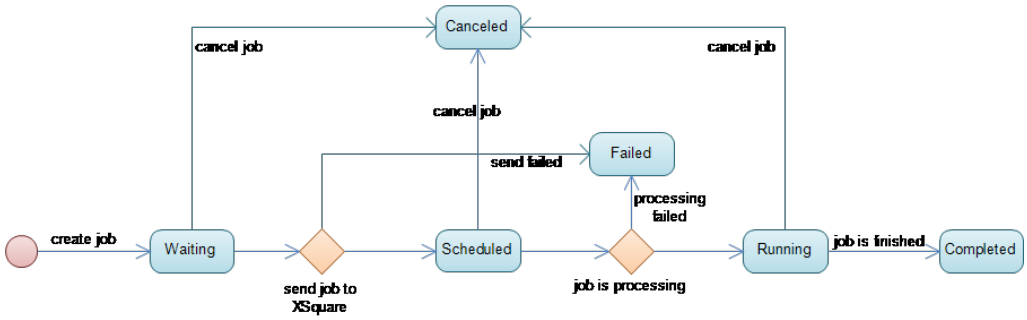
Six kinds of job status are available in Job Zone to specify the exact status of the current job.

Job Status	Description
Waiting	The job has been created and stored in the XFile3DataBase.
Scheduled	The job has been sent to XSquare and is scheduled to be proceeded.
Running	The job is processing.
Completed	The job is finished successfully.

Job Status	Description
Failed	The job is unsuccessful.
cancelled	The job has been cancelled.

Note
When a job is completed, the job will disappear from Job Zone, but you can see all the completed jobs in Monitoring Mode.

The following diagram specifies the conversion between different statuses.



How to Select Jobs

All the selected jobs are highlighted in blue color.

Four possible selection ways are available:

- Click on one job, then the job will be selected.
- Click on one job, then press **CTRL** from keyboard, and simultaneously click other jobs one by one to add to the selection, with this method, all the clicked jobs will be selected.
- Click on one job, then press **SHIFT** from keyboard, and click any other jobs, then all the jobs between those two selected jobs will be selected.
- Press **CTRL+A** to select all the jobs.

How to Sort Jobs

To sort a column in alphabetical or numerical order, click on the column label to display the arrow buttons and click again to invert the sorting.

How to Cancel Jobs

To cancel jobs, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Cancel.**

OR

Click **Cancel** in Actions column.

3. The status of the job will be cancelled.

To retry the job, click Retry in Actions column.

Note
Only the jobs with **Waiting**, **Scheduled** and **Running** status can be cancelled.

How to Change Job Priority

Changing job priority means moving the selected job to the first position in the Scheduled job queue for the job to be processed in priority.

To change job priority, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Process ASAP**.

OR

Click **Process ASAP** in Actions column.

3. The job will be processed soon with high priority.

Note
Only the priority of jobs with the **Scheduled** status can be changed.

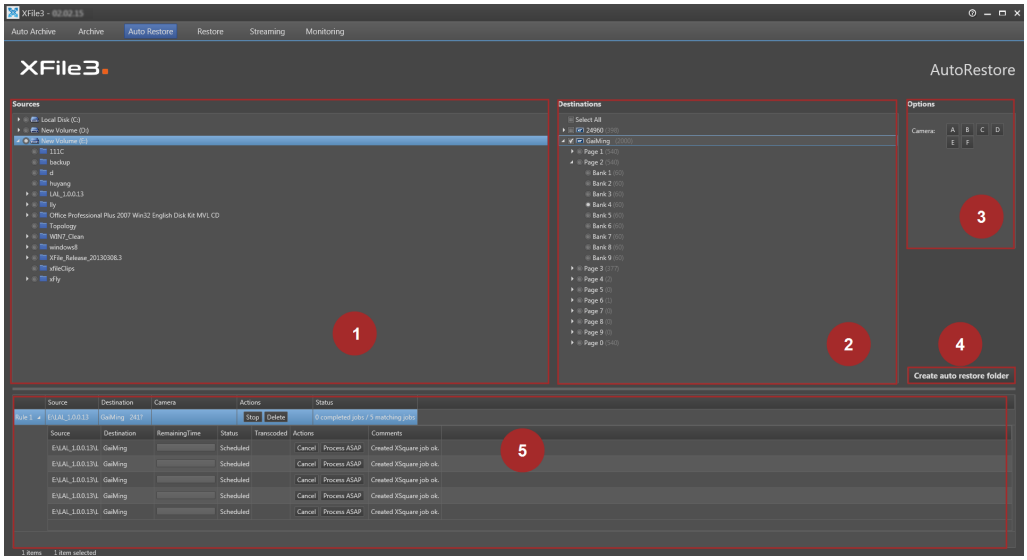
3.4. NEW ! Auto Restore Mode

3.4.1. Auto Restore Overview

Auto Restore Mode is to automatically restore the source clips from the requested destinations to the EVS video servers based on predefined rules.

Click Auto Restore to enter Auto Restore Mode.

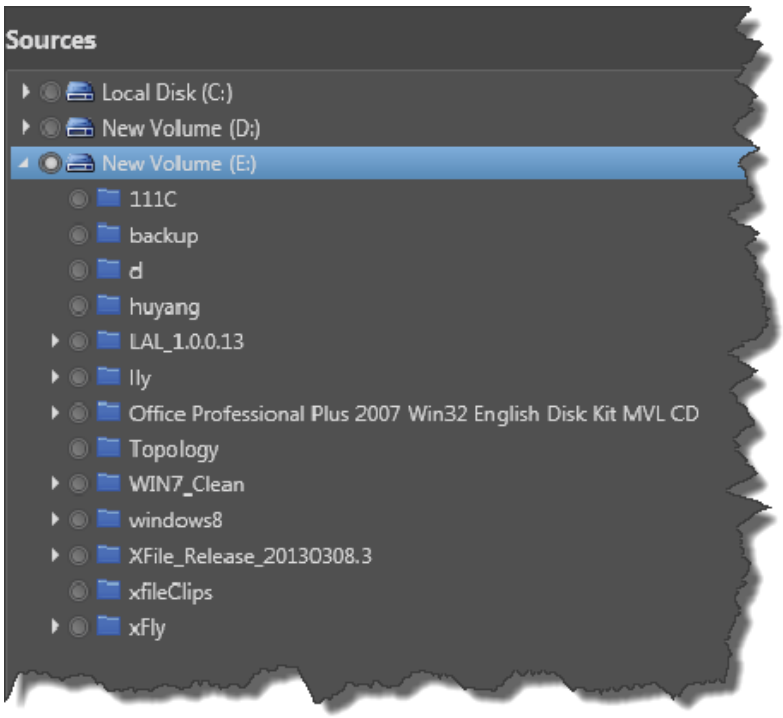
The screen shot below shows various areas of Auto Restore Main Window.



Area	Name	Description
1	Sources Zone	Area that displays all the sources in the detected destinations, including the local path, folders and subfolders.
2	Destinations Zone	Area that displays all the detected servers and their structures, including the pages and banks.
3	Option Zone	Area that displays the cameras.
4	Create auto restore folder	Button to create auto restore folder.
5	Job Zone	Area that displays all the created jobs and status.

3.4.2. Sources Zone

Hard Drive List

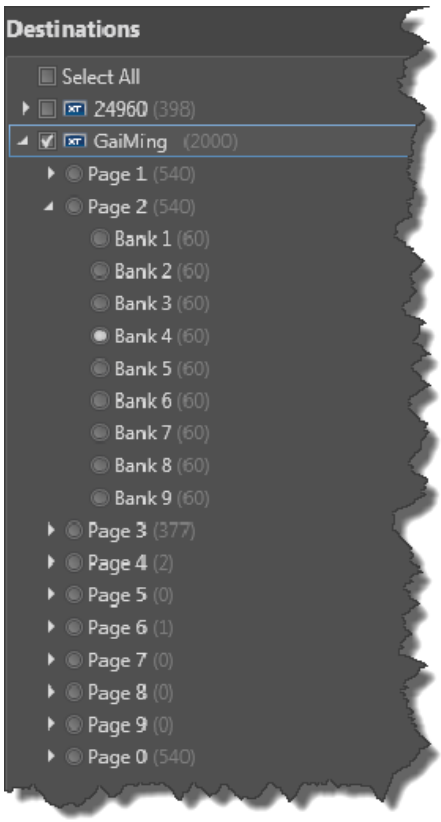


Hard Drive List includes the following elements:

- Select the check box before hard drive or folders to select the clips in the selected hard drive.
- Only one folder can be selected to be used as the restore folder.
- Each includes several folders and the subfolders.
- The mapped drivers are supported by XFile3.
- Click **Refresh** button to refresh the detected hard drives.

3.4.3. Destinations Zone

Server List



The Server List includes the following elements:

- Select the check box before servers and pages, or just select **Select All** to select all the positions in all the available servers.
- Every server includes 10 pages (from 0-9), every page includes 9 banks (from 1-9), each bank includes 10 columns (from 0-9).
- The server name on XFile3 UI is the SDTI network name of server, but if server name is null in server, the serverID number will be displayed instead.
- The total clip number can be displayed besides each server name, page or banks between brackets.

Note
More than one position can be selected, but those selected positions must be in different EVS video servers.

3.4.4. Options Zone

Camera Filter

You can choose to restore the specific camera positions only. Only the clips with the selected cameras will be displayed, all clips in the selected folders are displayed by default.

Camera	Description
A	Restore only to camera A clips.
B	Restore only to camera B clips.
C	Restore only to camera C clips.
D	Restore only to camera D clips.
E	Restore only to camera E clips.
F	Restore only to camera F clips.

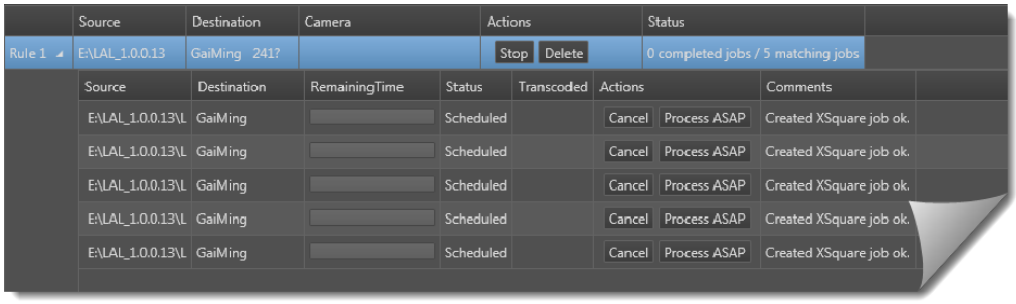
3.4.5. How to Create Auto Restore Folder

To create auto restore folder, proceed as follows:

1. Select the source clips to restore. The check boxes before the required clips in Sources Zone will be selected.
2. Select one position in Destinations Zone to store the restored clips in the EVS video server.
3. Select Camera Filter if needed. By default, no camera filter is selected.
4. Click **Create auto restore folder**. All the jobs will be displayed in the Job Zone.

3.4.6. Job Zone

After creating job, the jobs will be displayed at the bottom of Auto Restore Window.



All the jobs are processed based on the rules. The number of jobs is correlated with the channel number (the selected channel in Sources Zone).

Rule

Area	Description
Rule Name	The name of rule is defined by a number automatically incremented.
Source	Displays the path and folder name of the restored clip.
Destination	Displays the restore positions on the EVS video server.
Camera	Displays the selected cameras.
Actions	Displays the available operations to the rule. • Stop: Stop all the operations based on the rule. • Start: Start all the jobs. • Delete: Delete this rule.
Status	Displays the number of completed jobs and matching jobs.

Jobs

Area	Description
Source	Displays the path and folder name of the restored clip.
Destination	Displays the restore positions on the EVS video server
Remaining Time	Displays the number of completed jobs and matching jobs with the format: `n completed jobs/n matching jobs.`
Status	Displays the job status, refer to "Job Status" for more details.
Transcoded	This area displays the transcoded status of the restored clip. • With icon: the clip is transcoded. • Without icon: the clip is not transcoded.
Actions	Enables you to delete this job or change the priority of the current job.
Comments	Displays the information from XSquare.

Job Status

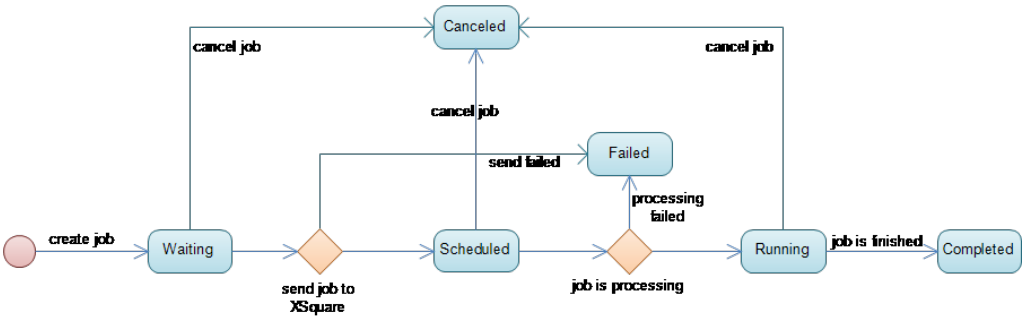
Six kinds of job status are available in Job Zone to specify the exact status of the current job.

Job Status	Description
Waiting	The job has been created and stored in the XFile3DataBase.
Scheduled	The job has been sent to XSquare and is scheduled to be proceeded.
Running	The job is processing.
Completed	The job is finished successfully.

Job Status	Description
Failed	The job is unsuccessful.
cancelled	The job has been cancelled.

Note
When a job is completed, the job will disappear from Job Zone, but you can see all the completed jobs in Monitoring Mode.

The following diagram specifies the conversion between different statuses.



How to Start and Stop a Rule

To stop a rule, click **Stop** button in Job Zone, all the job statuses will be cancelled.

To start a rule, click **Start** button in Job Zone, all the job statuses will be running or scheduled.

How to Select Jobs

All the selected jobs are highlighted in blue color.

Four possible selection ways are available:

- Click on one job, then the job will be selected.
- Click on one job, then press **CTRL** from keyboard, and simultaneously click other jobs one by one to add to the selection, with this method, all the clicked jobs will be selected.
- Click on one job, then press **SHIFT** from keyboard, and click any other jobs, then all the jobs between those two selected jobs will be selected.
- Press **CTRL+A** to select all the jobs.

How to Sort Jobs

To sort a column in alphabetical or numerical order, unfold the jobs and click on the column label to display the arrow buttons and click again to invert the sorting.

Note
Destination and Action can't be sorted.

How to Cancel Jobs

To cancel jobs, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Cancel.**

OR

Click **Cancel** in Actions column.

3. The status of the job will be cancelled.

Note
Only the jobs with **Waiting**, **Scheduled** and **Running** status can be cancelled.

How to Change Job Priority

Changing job priority means moving the selected job to the first position in the Scheduled job queue for the job to be processed in priority.

To change job priority, Click **Process ASAP** button, the job will be processed soon with high priority.

Note
Only the priority of jobs with the **Scheduled** status can be changed.

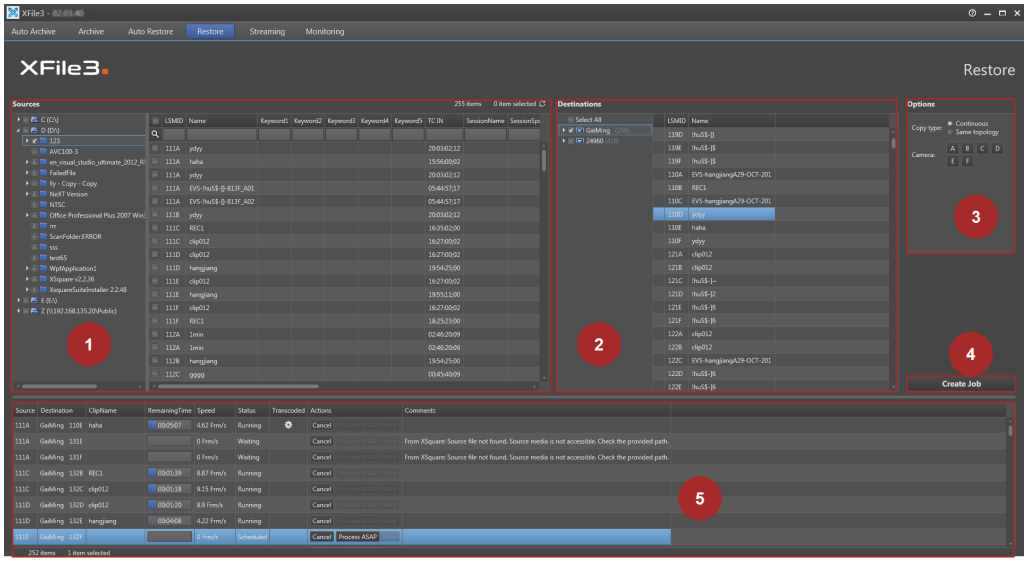
3.5. Restore Mode

3.5.1. Restore Overview

Click Restore to enter Restore mode.

Clips can be restored from a local destination to any EVS video server on the network.

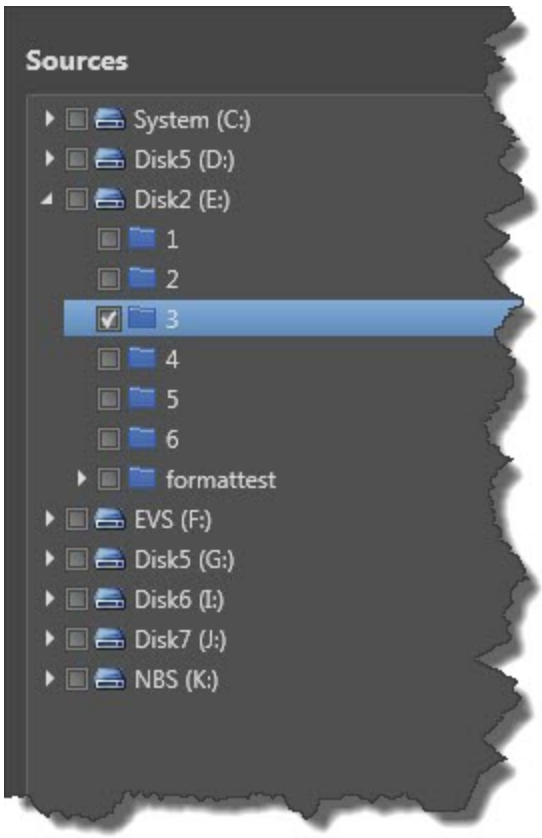
The screen shot below shows various areas of Restore Main Window.



Area	Name	Description
1	Sources Zone	Area that displays all the sources in the detected destinations, including the local path, folders, subfolders and clips' metadata in the selected destination or folders. Area that displays all clips from the selected directories of the selected hard drives.
2	Destinations Zone	Area that displays all the detected servers and their structures, including the pages, banks and the metadata of all the clips.
3	Option Zone	Area that displays the copy type.
4	Create Job	Button to create restore jobs.
5	Job Zone	Area that displays all the created jobs and status.

3.5.2. Sources Zone

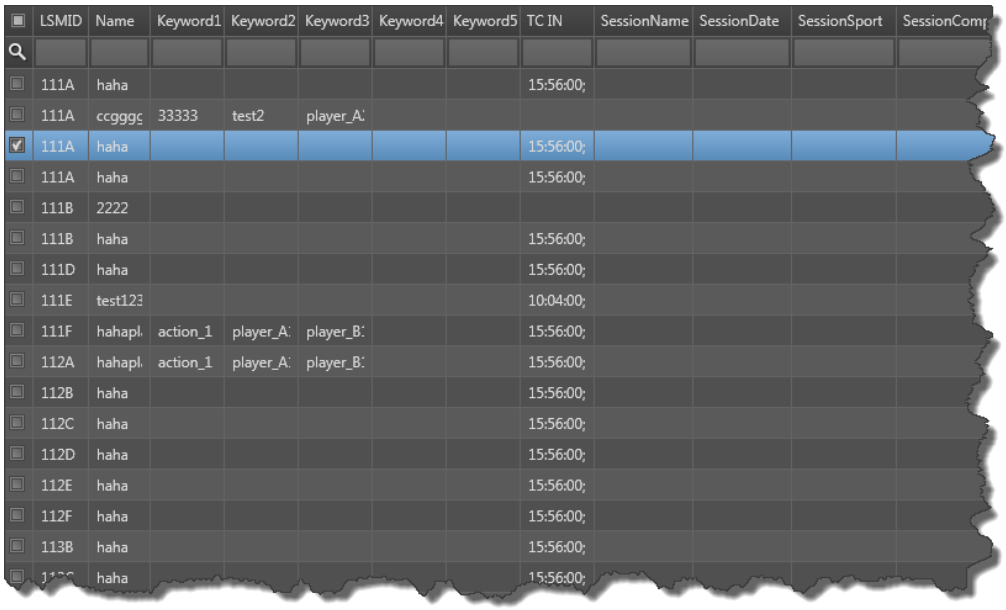
Hard Drive List



Hard Drive List includes the following elements:

- Select the check box before hard drive or folders to select the clips in the selected hard drive.
- Click on one folder, then press **SHIFT** from keyboard, and click any other folders, then all the folders between those two selected folders will be selected.
- Each includes several folders and the subfolders.
- The mapped drivers are supported by XFile3.
- Click **Refresh** button to refresh the detected hard drives.

Sources List



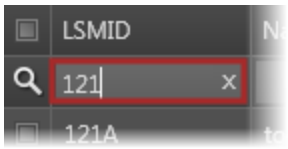
Sources List only displays the clips from the specific banks or pages in the selected servers, it includes the following elements:

- Select the check box before LSMID to select all the clips in the specific banks or pages of the selected servers.
- Each clip includes some metadata: LSMID, Name, Keywords (from1-5), TC IN, session metadata, path and Restore Destinations.

Clip Information	Description
LSM ID	Displays ID assigned to the clips using its page, bank, row and camera letter.
Name	Displays the name assigned to the clip.
Keyword1	Displays the first keyword assigned to the clip.
Keyword2	Displays the second keyword assigned to the clip.
Keyword3	Displays the third keyword assigned to the clip.
Keyword4	Displays the fourth keyword assigned to the clip.
Keyword5	Displays the fifth keyword assigned to the clip.
TC IN	Displays the TC IN assigned to the clip.
Session Metadata	Session metadata includes eight kinds of metadata assigned to the clip: SessionName, SessionDate, SessionSport, SessionCompetition, SessionCompetitionLevel, SessionLocation, SessionTeamA, SessionTeamB.
Path	Displays the file's path.
Restore Destination	Displays the path where the clip will be restored, or has been restored previously.

How to Search Clips

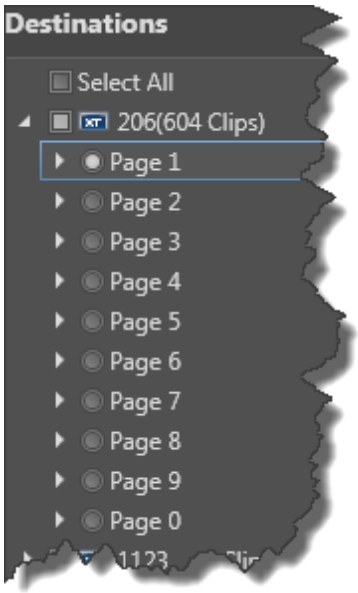
To search clips, you only need to input the characters whose name includes this character in the **Quick Search Tool**, all the clips include the characters will display on **Sources List.**



To clear the search filter, you can click in the **Quick Search Tool**.

3.5.3. Destinations Zone

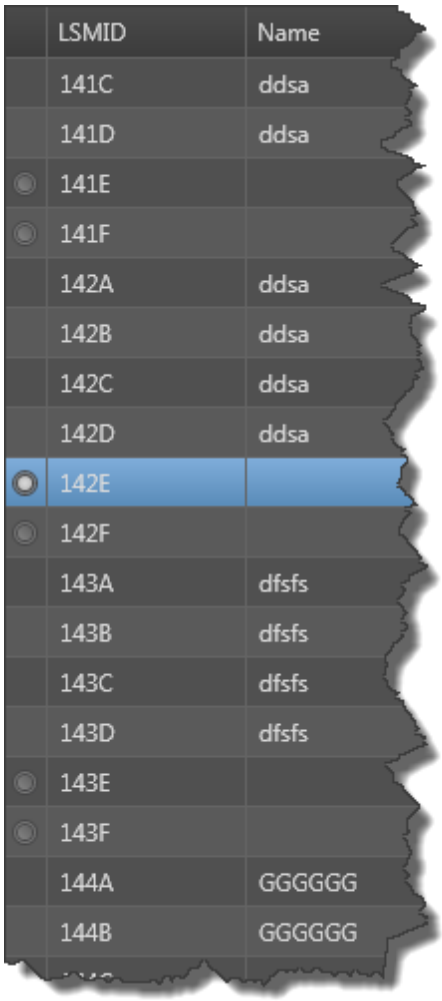
Server List



The Server List includes the following elements:

- Select the check box before servers and pages, or just select **Select All** to select all the positions in all the available servers.
- Every server includes 10 pages (from 0-9), every page includes 9 banks (from 1-9), each bank includes 10 columns (from 0-9).
- The server name on XFile3 UI is the SDTI network name of server, but if server name is null in server, the serverID number will be displayed instead.
- The total clip number can be displayed besides each server name, page or banks between brackets.

Destination List



The Destination List only displays the positions from the specific banks or pages in the selected servers, it includes the following elements:

- Select the requested server, page or bank.
  - If the selection is from one server, all the positions in the selected server will be displayed at the right side of Destinations Zone. And then you can select one of the available positions by ticking the check box as the starting point to restore clips, XFile3 restores from the first available position if you don't select a starting point.
  - If the selection is from more than one servers, all the positions in the selected servers will not be displayed out. And then you do not need to select a specific starting point, all the clips from the EVS servers will restored from the first available position and restore the others one by one, all the selected clips will be restore respectively in all the selected servers.
- Each position includes some metadata: LSMID, name.
- A radio button is displayed in front of the empty positions.

3.5.4. Options Zone

Copy Type

You can choose to select the copy types, two copy types are available

Copy Type	Description
Continuous	The clips to be restored will be restored to the available positions one by one from the selected starting point, taking into consideration the filter options.
Same Topology	The topology position of all the restored clips will keep the same with that in EVS server. If the position to be restored is unavailable, the clip will not be restored. The first clip must correspond to the same page in EVS server, if not, the clip will not be restored, and other clips will keep the same topology as well.

Camera Filter

You can choose to restore the specific camera positions only. Only the clips with the selected cameras will be displayed, all clips in the selected folders are displayed by default.

Camera	Description
A	Restore only to camera A clips.
B	Restore only to camera B clips.
C	Restore only to camera C clips.
D	Restore only to camera D clips.
E	Restore only to camera E clips.
F	Restore only to camera F clips.

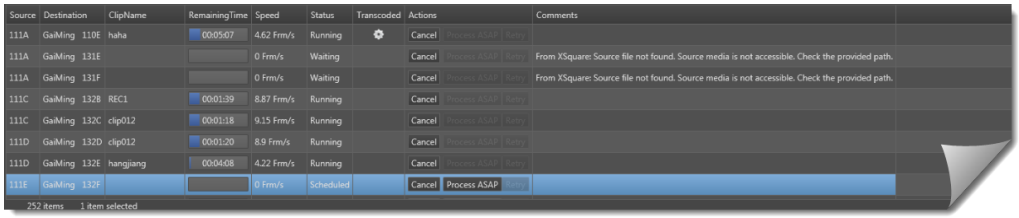
3.5.5. How to Create Restore Jobs

To create restore jobs, proceed as follows:

1. Select the source clips to restore. The check boxes before the required clips in Sources Zone will be selected.
2. Select one starting point in Destinations Zone to store the restored clips in the EVS video server if needed. If you have selected more than one server, you don't need to select a specific starting point.
3. Select the Copy Type if needed. By default, Continuous is selected.
4. Select Camera Filter if needed. By default, no camera filter is selected.
5. Click **Create Job**. All the jobs will be displayed in the Job Zone.

3.5.6. Job Zone

After creating job, the jobs will be displayed at the bottom of Restore UI.


Source Destination ClipName RemainingTime Speed Status Transcoded Actions Comments
111A GaiMing 110E haha 00:05:07 4.62 Frm/s Running Cancel
111A GaiMing 131E 0 Frm/s Waiting Cancel From XSquare: Source file not found. Source media is not accessible. Check the provided path.
111A GaiMing 131F 0 Frm/s Waiting Cancel From XSquare: Source file not found. Source media is not accessible. Check the provided path.
111C GaiMing 132B REC1 00:01:39 8.87 Frm/s Running Cancel
111C GaiMing 132C clip012 00:01:18 9.15 Frm/s Running Cancel
111D GaiMing 132D clip012 00:01:20 8.9 Frm/s Running Cancel
111D GaiMing 132E hangjiang 00:04:08 4.22 Frm/s Running Cancel
111E GaiMing 132F 0 Frm/s Scheduled Cancel Process ASAP
252 items 1 item selected

Area	Description
Sources	Displays all the selected clips
Restore Destination	Displays the restore positions on the EVS video server
ClipName	Displays the name of the current restored clip.
Remaining _time	Displays the remaining time of each job.
Speed	Displays the current archiving speed of each job.
Status	Displays the job status, refer to "Job Status" for more details.
Transcoded	This area displays the transcoded status of the restored clip. • With icon: the clip is transcoded. • Without icon: the clip is not transcoded.
Action	This area enables you to delete this job.
Comments	Displays the information from XSquare.

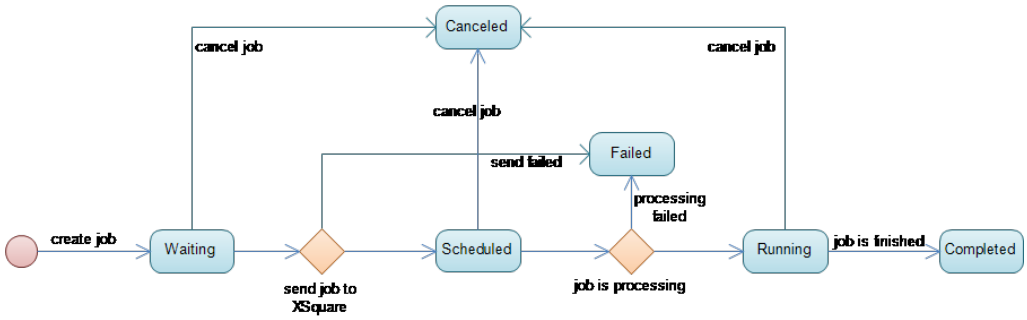
Job Status

Six kinds of job status are available in Job Zone to specify the exact status of the current job.

Job Status	Description
Waiting	The job has been created and stored in the XFile3DataBase.
Scheduled	The job has been sent to XSquare and is scheduled to be proceeded.
Running	The job is processing.
Completed	The job is finished successfully.
Failed	The job is unsuccessful.
Cancelled	The job has been cancelled.

Note
When a job is completed, the job will disappear from Job Zone, but you can see all the completed jobs in Monitoring Mode.

The following diagram specifies the conversion between different statuses.



How to Select Jobs

All the selected jobs are highlighted in blue color.

Four possible selection ways are available:

- Click on one job, then the job will be selected.
- Click on one job, then press **CTRL** from keyboard, and simultaneously click other jobs one by one to add to the selection, with this method, all the clicked jobs will be selected.
- Click on one job, then press **SHIFT** from keyboard, and click any other jobs, then all the jobs between those two selected jobs will be selected.
- Press **CTRL+A** to select all the jobs.

How to Sort Jobs

To sort a column in alphabetical or numerical order, click on the column label to display the arrow button and click again to invert the sorting.

Note
Transcode and Action can't be sorted.

How to Cancel Jobs

To cancel jobs, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Cancel.**

OR

Click **Cancel** in Actions column.

3. The status of the job will be cancelled.

Note
Only the jobs with **Waiting**, **Scheduled** and **Running** status can be cancelled.

How to Change Job Priority

Changing job priority means moving the selected job to the first position in the Scheduled job queue for the job to be processed in priority.

To change job priority, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Process ASAP**.

OR

Click **Process ASAP** in Actions column.

3. The job will be processed soon with high priority.

Note
Only the priority of jobs with the **Scheduled** status can be changed.

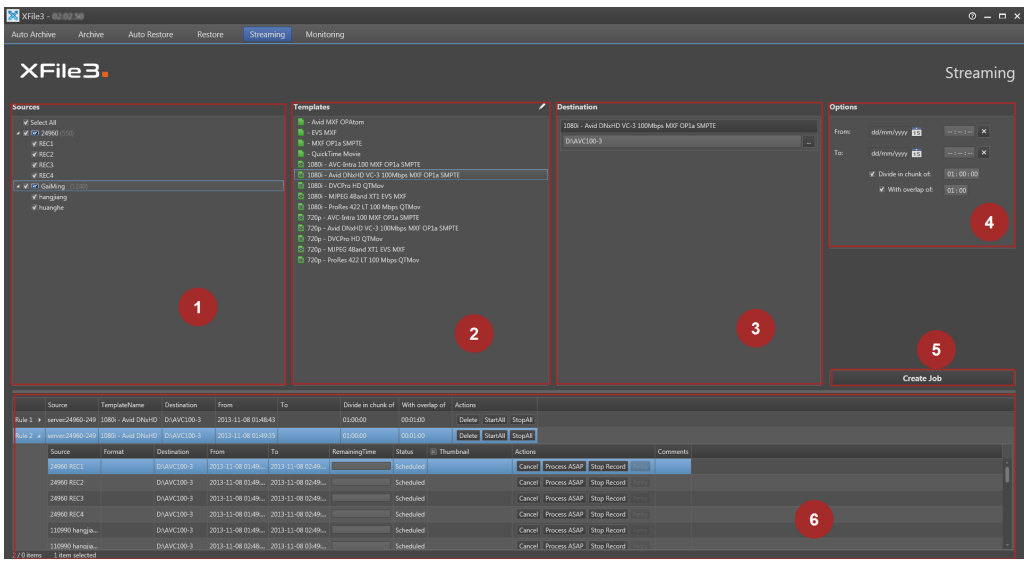
3.6. NEW ! Streaming Mode

3.6.1. Streaming Overview

Streaming Mode is to automatically archive the source trains from the requested servers in the requested formats based on predefined rules.

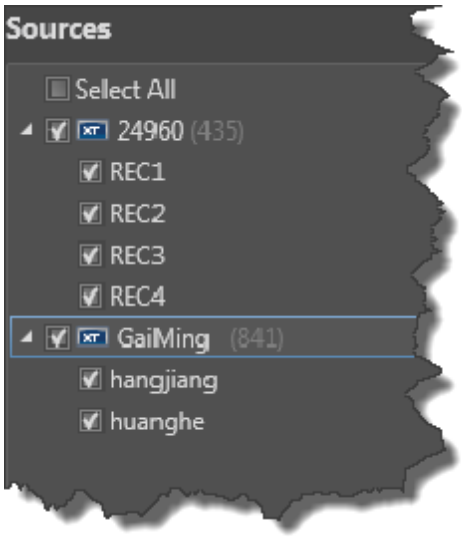
Click Streaming to enter Streaming mode.

The screen shot below shows various areas of the Streaming Window.



Area	Name	Description
1	Sources Zone	Area that displays all the detected servers and their recorders.
2	Templates Zone	Area that displays the templates available from the background running XSquare service manager.
3	Destinations Zone	Area that displays all the destinations relative to the selected template.
4	Option Zone	Area that displays all the options to add in the rule.
5	Create Job	Button to create the streaming rule.
6	Job Zone	Area that displays all the created rules and all the job status

3.6.2. Sources Zone



The Sources Zone includes the following elements:

- When select or unselect the parent level, all children will be select or unselect correspondingly.
- Select the check box before servers and recorders, or just select **Select All** to select all the recorders in all the available servers.
- The number of recorders varies from different configurations of EVS servers..
- The server name on XFile3 UI is the SDTI network name of server, but if server name is blank in server, the serverID number will be displayed instead.
- The total clip number can be displayed besides each server name between brackets.

3.6.3. Templates Zone

See "3.2.3 Templates Zone" for more information about Templates Zone.

3.6.4. Destinations Zone

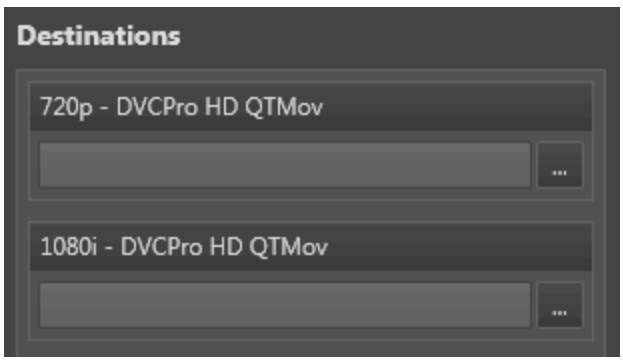
You must select the corresponding template from **Templates Zone** before choosing the required destination(s).

How to Select Destination

To select a destination path, the user clicks **Browse** ... button, the window named **Browse For Folder** pops up, select the desired destination path to write the archived clips to and click **OK**.

The number of destination fields will vary from the different formats included in the Template Zone, For example, if the selected template includes destinations, then two fields will be displayed to be entered.

Example:



If a template has been selected since the last archive, it can still be applied in the next archive if has not been changed yet.

3.6.5. Options Zone

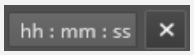
XFile3 allows users to define streaming options. These filters are additional rule criteria to facilitate complex jobs if desired.

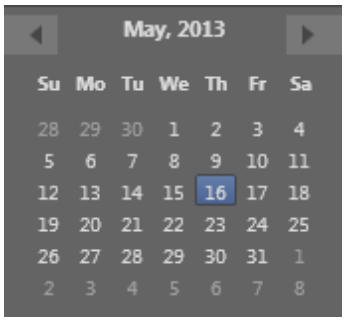
The Filters Zone includes two kinds of options:

- Date&Time
- Chunk&Overlap

Date&Time

The filter makes it possible to include in the streaming rule, the clips that were created from the trains between the required date and time. By default, no date & time is selected.

Filter	Description
	The required date is selected with the format: `date/month/year`.
	The required time is selected with the format: `hour:minute:second`.



To set the date, select the date button to activate the calender, select the month and then the day of the month.

To set the time, select the time area and input the desired time.

You can click **Cancel** to clear the defined date and time.

Note
Date & Time filter is based on Primary TC.

Chunk&Overlap

Jobs can be divided into some smaller jobs. By default, only one job is created.

- Divide in chunks of: Allows users to have the streaming jobs divided in smaller jobs.
- With overlap: Allows having some overlap between the smaller jobs.

All the jobs are displayed by the name `job n` (n is incremented automatically).

Example

From 10:00:00:00 to 14:00:00:00 divided in chunks of one hour with overlap of 1 minute.

Job1 : 10:00:00:00 to 11:00:00:00

Job2 : 10:59:00:00 to 12:00:00:00

Job3 : 11:59:00:00 to 13:00:00:00

Job4 : 12:59:00:00 to 14:00:00:00

3.6.6. How to Create Job

To create job, proceed as follows:

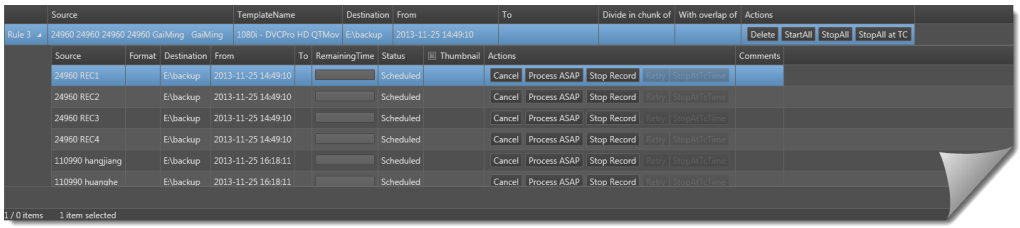
1. Select the source EVS Server and/or recorder. The check boxes of the recorders in the Sources Zone will be selected.
2. Select the template in the Templates Zone to specify the file format.
3. Select the destinations in the Destinations Zone to specify where clips will be archived.
4. Select different options if desired.
5. Click **Create Job**. A new rule will be created and displayed in the Job Zone.

   All the trains in the selected cameras within the defined options will automatically be archived onto the specified destination.

   All the previously selected sources will be unselected automatically upon creation of the rule.

3.6.7. Job Zone

After creating job, the jobs will be displayed at the bottom of Streaming Window.



All the jobs are processed based on the rules. The number of jobs are correlated with both the channel number (the selected channel in Sources Zone) and the divided subjobs (Defined in Options Zone by "Divide in chunk of" and "with overlap of").

Rule

Area	Description
Rule Name	The name of rule is defined by a number automatically incremented.
Source	Displays all the channel names and server names of trains to be archived.
TemplateName	Displays the chosen template.
Destination	Displays the selected destination.
From	Displays the starting date and time.
To	Displays the ending data and time.
Divide in chunk of	Displays the divided value predefined in Options Zone

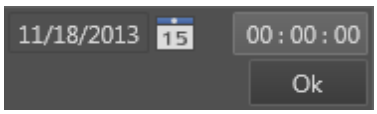
Area	Description
With overlap of	Displays the overlap value predefined in Options Zone
Actions	Displays the available operations to the rule. • Delete: Delete this rule. • StartAll: Start all the jobs. • StopAll: Stop all the jobs. • StopAll at TC: Stop the jobs at the exact timecode(TC). See "StopAll at TC" for more information.

StopAll at TC

StopAll at TC button can be applied only once, for it is only available when the current rule isn't predefined with **To** value. Because when StopAll at TC button is used, the input value will be treated as the newly **To** value for this rule.

To stop all at TC, proceed as follows:

1. Click **StopAll at TC** and displays a window.
2. Input the **date** and **timecode,** and then click **OK**.



3. Those input values will be displayed in **To** column, and all the jobs will be stopped at that time.

Jobs

Area	Description
Source	Displays the channel name and server name of trains to be archived.
Format	Displays the format of the archived clip based on the chosen template.
Destination	Displays the selected destination.
From	Displays the starting date and time
To	Displays the ending data and time
Remaining Time	Displays the number of completed jobs and matching jobs with the format: `n completed jobs/n matching jobs.`
Status	Displays the job status, refer to "Job Status" for more details.
Thumbnail	The check box enables users to decide whether to see the thumbnail of the archived clip or not. When the check box is ticked, the column length of all the jobs will be adjusted based on the size of the thumbnails.

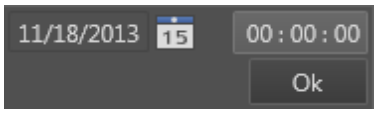
Area	Description
Actions	Displays the available operations to the job. • Cancel: Cancel this job. • Process ASAP: Give the job top priority to be processed. • Stop Record: Stop record the trains in the current channel, the current TC time will be displayed in **To** column as soon as **Stop Record** button is clicked. • Retry: Retry the job if it is failed or canceled before. • StopAtTcTime: Stop the job at the exact timecode(TC). See "StopAll at TC" for more information.
Comments	Displays the information from XSquare.

StopAtTcTime

StopAllAtTCTime button can be applied only once, it is only available when the current job is running. When StopAllAtTCTime button is used, the newly input value will be updated to the **To** column and treated as the new **To** value.

To stop at TC time, proceed as follows:

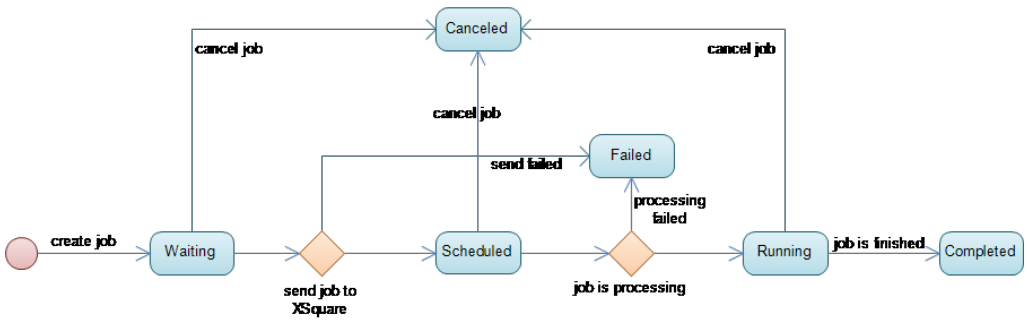
1. Click **StopAtTcTime** and displays a window.
2. Input the **date** and **timecode,** and then click **OK**.



3. Those input values will be updated in **To** column, and all the jobs will be stopped at that time.

Note
When a job is completed, the job will disappear from Job Zone, but you can see all the completed jobs in Monitoring Mode.

The following diagram specifies the conversion between different statuses.



How to Select Jobs

All the selected jobs are highlighted in blue color.

Four possible selection ways are available:

- Click on one job, then the job will be selected.

- Click on one job, then press **CTRL** from keyboard, and simultaneously click other jobs one by one to add to the selection, with this method, all the clicked jobs will be selected.
- Click on one job, then press **SHIFT** from keyboard, and click any other jobs, then all the jobs between those two selected jobs will be selected.
- Press **CTRL+A** to select all the jobs.

How to Sort Jobs

To sort a column in alphabetical or numerical order, unfold the jobs and click on the column label to display the arrow buttons and click again to invert the sorting.

Note
Destination and Action can't be sorted.

How to Cancel Jobs

To cancel jobs, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Cancel.**

OR

Click **Cancel** in Actions column.

3. The status of the job will be cancelled.

To retry the job, click **Retry** in Actions column.

Note
Only the jobs with **Waiting**, **Scheduled** and **Running** status can be cancelled.

How to Change Job Priority

Changing job priority means moving the selected job to the first position in the Scheduled job queue for the job to be processed in priority.

To change job priority, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Process ASAP**.

OR

Click **Process ASAP** button

3. The job will be processed soon with high priority.

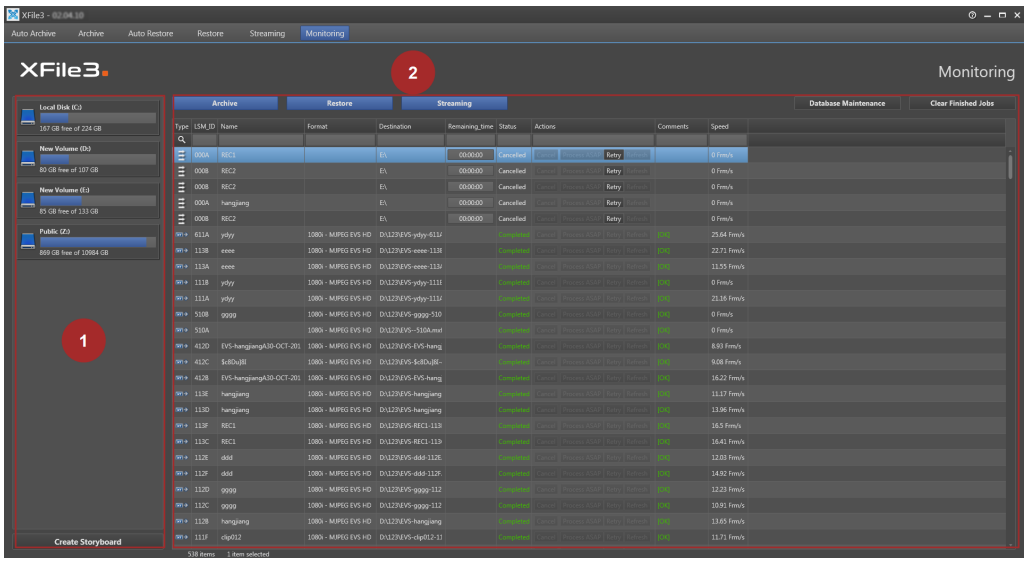
Note
Only the priority of jobs with the **Scheduled** status can be changed.

3.7. Monitoring Mode

3.7.1. Monitoring Overview

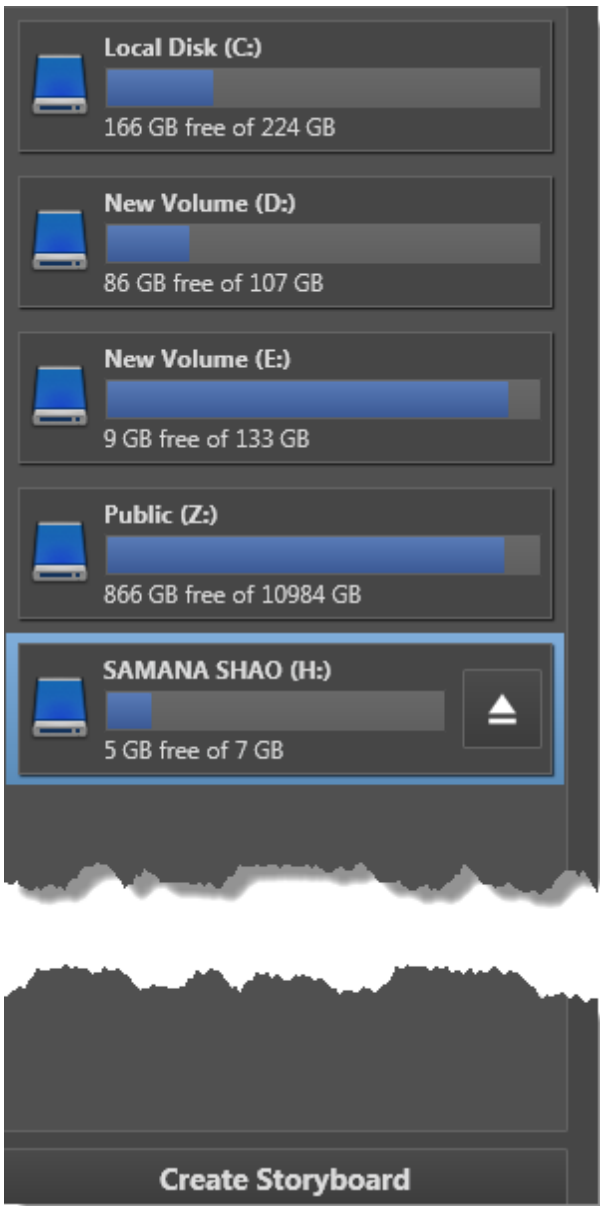
Click Monitoring to enter monitoring mode.

In Monitoring mode, you can see all the available hard disks and all the tasks in both Archive and Restore Modes.



Area	Name	Description
1	Hard Disk Zone	Area to display all the detected hard disks.
2	Task Zone	Area to display all the tasks in Archive, Restore and Streaming modes.

3.7.2. Hard Disk Zone


Local Disk (C:)
166 GB free of 224 GB
New Volume (D:)
86 GB free of 107 GB
New Volume (E:)
9 GB free of 133 GB
Public (Z:)
866 GB free of 10984 GB
SAMANA SHAO (H:)
5 GB free of 7 GB
Create Storyboard

Hard Disks

Hard Disks zone displays all the hard disks detected by XFile3.

The mapped drivers are supported by XFile3.

Mobile hard disks can be ejected. To eject the hard disk, click on .

Storyboard

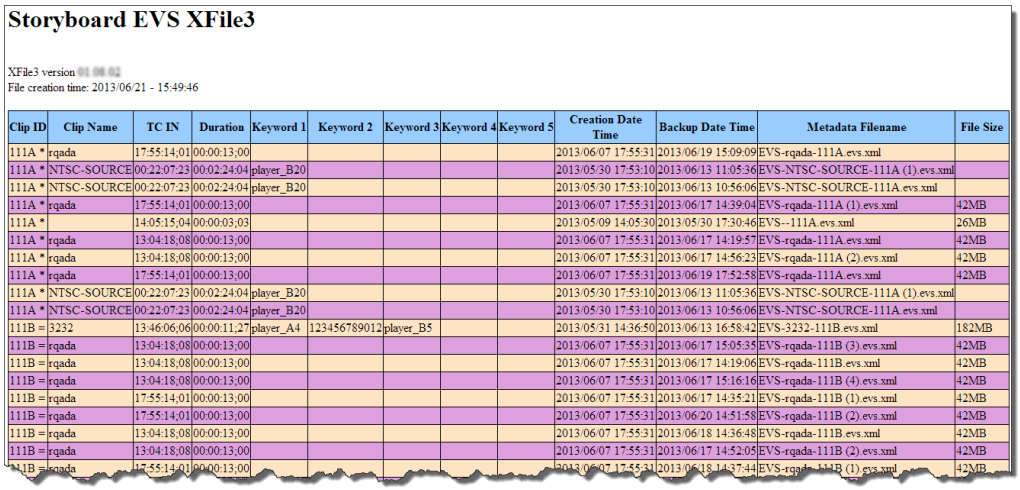
What Is a Storyboard

A storyboard is a list of clip's content that is delivered with the current selected local hard drive. When the backup jobs are created, the operator can create it as a HTML file and store in the desirable position.

How to Create Storyboard

To create storyboard, proceed as follows:

1. Select the source hard drive.
2. Click **Create Storyboard**, when StoryboardOptionWindow pops up, select **Choose** for a requested path to store the storyboard.
3. Click **OK**, the storyboard will be stored in the requested path. To open this storyboard, you only need to open the file named *Storyboard.html* by web browser.



Storyboard EVS XFile3

XFile3 version [redacted]
File creation time: 2013/06/21 - 15:49:46

Clip ID	Clip Name	TC IN	Duration	Keyword 1	Keyword 2	Keyword 3	Keyword 4	Keyword 5	Creation Date Time	Backup Date Time	Metadata Filename	File Size
111A *	rqada	17:55:14;01	00:00:13;00						2013/06/07 17:55:31	2013/06/19 15:09:09	EVS-rqada-111A.evs.xml	
111A *	NTSC-SOURCE	00:22:07:23	00:02:24:04	player_B20					2013/05/30 17:53:10	2013/06/13 11:05:36	EVS-NTSC-SOURCE-111A (1).evs.xml	
111A *	NTSC-SOURCE	00:22:07:23	00:02:24:04	player_B20					2013/05/30 17:53:10	2013/06/13 10:56:06	EVS-NTSC-SOURCE-111A.evs.xml	
111A *	rqada	17:55:14;01	00:00:13;00						2013/06/07 17:55:31	2013/06/17 14:39:04	EVS-rqada-111A (1).evs.xml	42MB
111A *		14:05:15;04	00:00:03;03						2013/05/09 14:05:30	2013/05/30 17:30:46	EVS--111A.evs.xml	26MB
111A *	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/17 14:19:57	EVS-rqada-111A.evs.xml	42MB
111A *	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/17 14:56:23	EVS-rqada-111A (2).evs.xml	42MB
111A *	rqada	17:55:14;01	00:00:13;00						2013/06/07 17:55:31	2013/06/19 17:52:58	EVS-rqada-111A.evs.xml	42MB
111A *	NTSC-SOURCE	00:22:07:23	00:02:24:04	player_B20					2013/05/30 17:53:10	2013/06/13 11:05:36	EVS-NTSC-SOURCE-111A (1).evs.xml	
111A *	NTSC-SOURCE	00:22:07:23	00:02:24:04	player_B20					2013/05/30 17:53:10	2013/06/13 10:56:06	EVS-NTSC-SOURCE-111A.evs.xml	
111B =	3232	13:46:06;06	00:00:11;27	player_A4	123456789012	player_B5			2013/05/31 14:36:50	2013/06/13 16:58:42	EVS-3232-111B.evs.xml	182MB
111B =	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/17 15:05:35	EVS-rqada-111B (3).evs.xml	42MB
111B =	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/17 14:19:06	EVS-rqada-111B.evs.xml	42MB
111B =	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/17 15:16:16	EVS-rqada-111B (4).evs.xml	42MB
111B =	rqada	17:55:14;01	00:00:13;00						2013/06/07 17:55:31	2013/06/17 14:35:21	EVS-rqada-111B (1).evs.xml	42MB
111B =	rqada	17:55:14;01	00:00:13;00						2013/06/07 17:55:31	2013/06/20 14:51:58	EVS-rqada-111B (2).evs.xml	42MB
111B =	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/18 14:36:48	EVS-rqada-111B.evs.xml	42MB
111B =	rqada	13:04:18;08	00:00:13;00						2013/06/07 17:55:31	2013/06/17 14:52:05	EVS-rqada-111B (2).evs.xml	42MB
111B =	rqada	17:55:14;01	00:00:13;00						2013/06/07 17:55:31	2013/06/18 14:37:44	EVS-rqada-111B (1).evs.xml	42MB

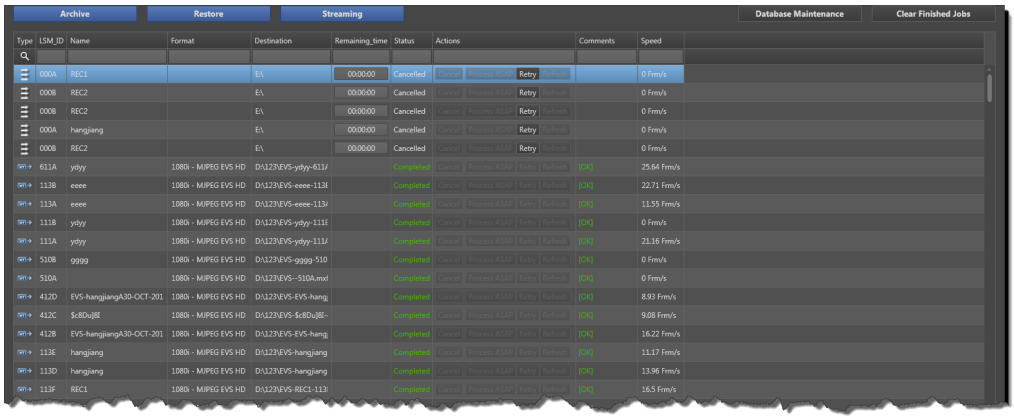
Storyboard displays the following elements of each clip:

Clip Information	Description
Clip ID	Displays the ID assigned to the clip.
Clip Name	Displays the name assigned to the clip.
TC IN	Displays the IN point of the clip assigned to the clip.
Duration	Displays the duration of the clip from IN to OUT assigned to the clip.
Keyword1	Displays the first keyword assigned to the clip.
Keyword2	Displays the second keyword assigned to the clip.
Keyword3	Displays the third keyword assigned to the clip.

Clip Information	Description
Keyword4	Displays the fourth keyword assigned to the clip.
Keyword5	Displays the fifth keyword assigned to the clip.
Creation Date Time	Displays the Date when the clip was created.
Backup Date Time	Displays the Date when the clip was backuped.
Metadata Filename	Displays the EVS XML file assigned to the clip.
File Size	Displays the file size assigned to the clip.

3.7.3. Job Zone

All the jobs in Monitoring mode synchronize those in AutoArchive, Archive and Restore modes, any changes made in Monitoring mode will happen in Monitoring mode as well.



Job Zone displays all the tasks in Archive (AutoArchive & Archive), Restore (AutoRestore & Restore) and Streaming modes.

Job Zone displays different metadata about each job.

Metadata	Description
Type	: Archive jobs (Archive & AutoArchive) : Restore jobs(Restore & AutoRestore) : Streaming jobs.
LSM_ID	Displays ID assigned to the clips using its page, bank, row and camera number.
Name	Displays the name assigned to the clip.
Destination	Displays the path where the clip is archived or restore.
Format	Displays the format of the current archived or restored clips.
Remaining_ time	Displays the remaining time of each job.

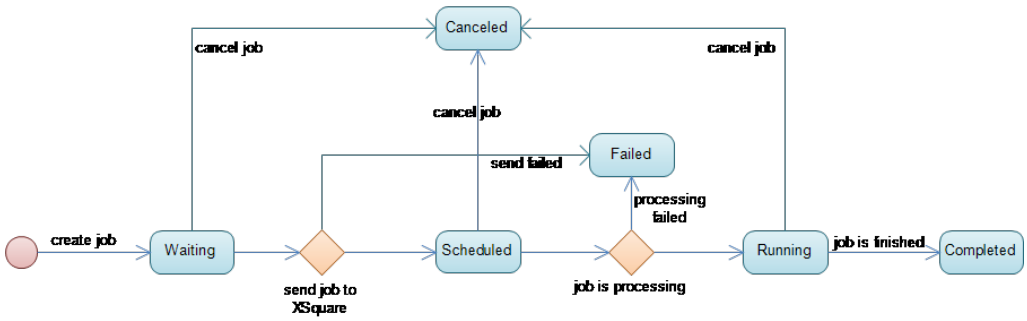
Metadata	Description
Status	Displays the job status, refer to "Job Status"for more details.
Actions	Displays the available operations to the rule. • Cancel: Cancel this job. • Process ASAP: Give the job top priority to be processed. • Refresh: Refresh status. • Retry: Retry the job if it is failed or canceled before.

Job Status

Six kinds of job status are available in Job Zone to specify the exact status of the current job.

Job Status	Description
Waiting	The job has been created and stored in DataBase.
Scheduled	The job has been sent to XSquare and is scheduled to be proceeded.
Running	The job is processing.
Completed	The job is finished successfully.
Failed	The job is unsuccessful.
Cancelled	The job has been cancelled.

The following diagram specifies the conversion between different statuses.



How to Select Jobs

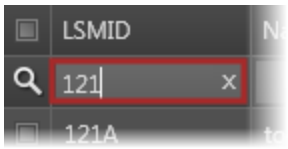
All the selected jobs are highlighted in blue color.

Four possible selection ways are available:

- Click on one job, then the job will be selected.
- Click on one job, then press **CTRL** from keyboard, and simultaneously click other jobs one by one to add to the selection, with this method, all the clicked jobs will be selected.
- Click on one job, then press **SHIFT** from keyboard, and click any other jobs, then all the jobs between those two selected jobs will be selected.
- Press **CTRL+A** to select all the jobs.

How to Search Clips

To search clips, you only need to input the characters whose name includes this character in the **Quick Search Tool**, all the clips include the characters will display on **Sources List.**



To clear the search filter, you can click in the **Quick Search Tool**.

How to Sort Jobs

To sort a column in alphabetical or numerical order, click on the column label to display the arrow button and click again to invert the sorting.

Note
Action can't be sorted.

How to Cancel Jobs

To cancel jobs, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Cancel.**

OR

Click **Cancel** in Actions column.

3. The status of the job will be cancelled.

To retry the job, click **Retry** in Actions column.

Note
Only the jobs with **Waiting**, **Scheduled** and **Running** status can be cancelled.

How to Change Job Priority

Changing job priority means moving the selected job to the first position in the Scheduled job queue for the job to be processed in priority.

To change job priority, proceed as follows:

1. Select the requested jobs.
2. Right click on the selected jobs and select **Process ASAP**.

OR

Click **Process ASAP** in Actions column.

3. The job will be processed soon with high priority.

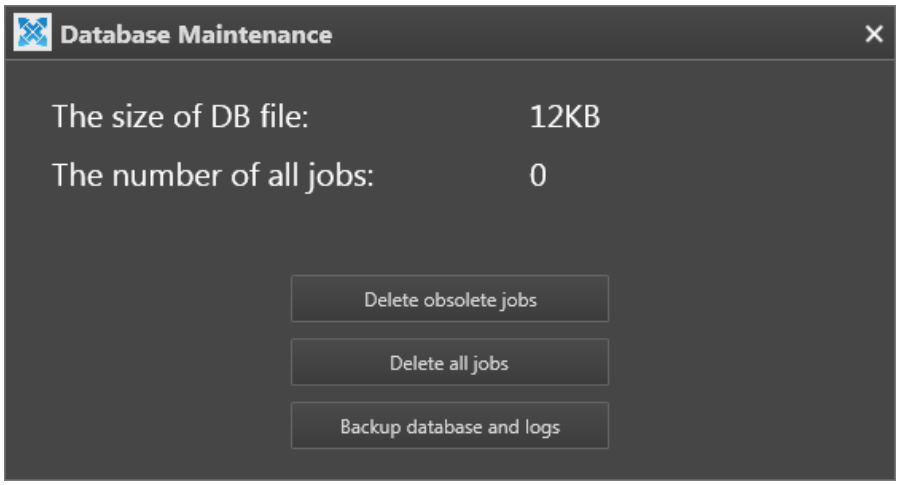
Note
Only the priority of jobs with the **Scheduled** status can be changed.

How to Maintain Database

Click Database Maintenance to enter Database Monitor window.

The window enables you to do the following operations:

- See the size of DB file
- See the number of all jobs
- Delete obsolete jobs: When click on **Delete obsolete jobs**, all the obsolete jobs will be deleted.
- Delete all jobs: When click on **Delete all jobs**, all the jobs will be deleted.
- Backup database and logs: When click on **Backup database and logs**, all XFile3 database and logs will be backuped.



How to Delete Obsolete Jobs

To delete obsolete jobs, click on **Delete obsolete jobs**.

What Are Obsolete Jobs

Obsolete jobs include:

- Cancelled jobs
- Failed jobs
- The source clips related to the jobs have been deleted.

How to Delete All Jobs

To delete all jobs, click on **Delete all jobs**.

XFile3 will restart after deleting all jobs.

What Are All Jobs

All jobs include all the jobs created from both autoarchive, archive and restore modes.

How to Backup Database and Logs

To backup database and logs, click on **Backup database and logs**.

How to Clear Finished Jobs

To clear all the finished jobs, click on **Clear Finished Jobs**

.

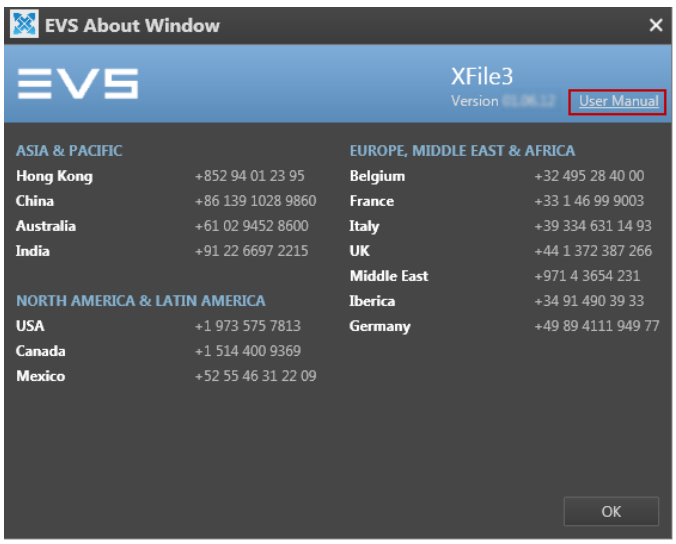
What Are Finished Jobs

Finished jobs include the job with the following status:

- Completed
- Failed
- Cancelled

3.8. About Window

To view product information of the current software version, you just need to click , and then a message box pops up.


EVS About Window
EVS
XFile3
Version
User Manual
ASIA & PACIFIC
Hong Kong +852 94 01 23 95
China +86 139 1028 9860
Australia +61 02 9452 8600
India +91 22 6697 2215
NORTH AMERICA & LATIN AMERICA
USA +1 973 575 7813
Canada +1 514 400 9369
Mexico +52 55 46 31 22 09
EUROPE, MIDDLE EAST & AFRICA
Belgium +32 495 28 40 00
France +33 1 46 99 9003
Italy +39 334 631 14 93
UK +44 1 372 387 266
Middle East +971 4 3654 231
Iberica +34 91 490 39 33
Germany +49 89 4111 949 77
OK

Click on **User's manual** link to open the PDF version of the current software version.